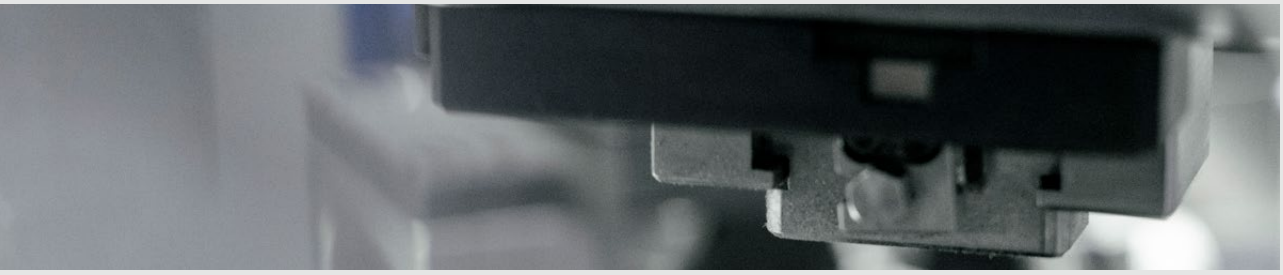
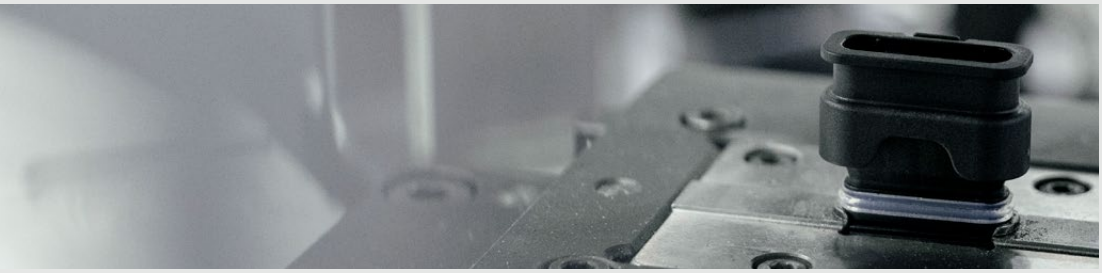
LOW VOLTAGE CONNECTOR

Product Catalog









HIRSCHMANN AUTOMOTIVE

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About us

WE CREATE THE MOBILITY OF TOMORROW

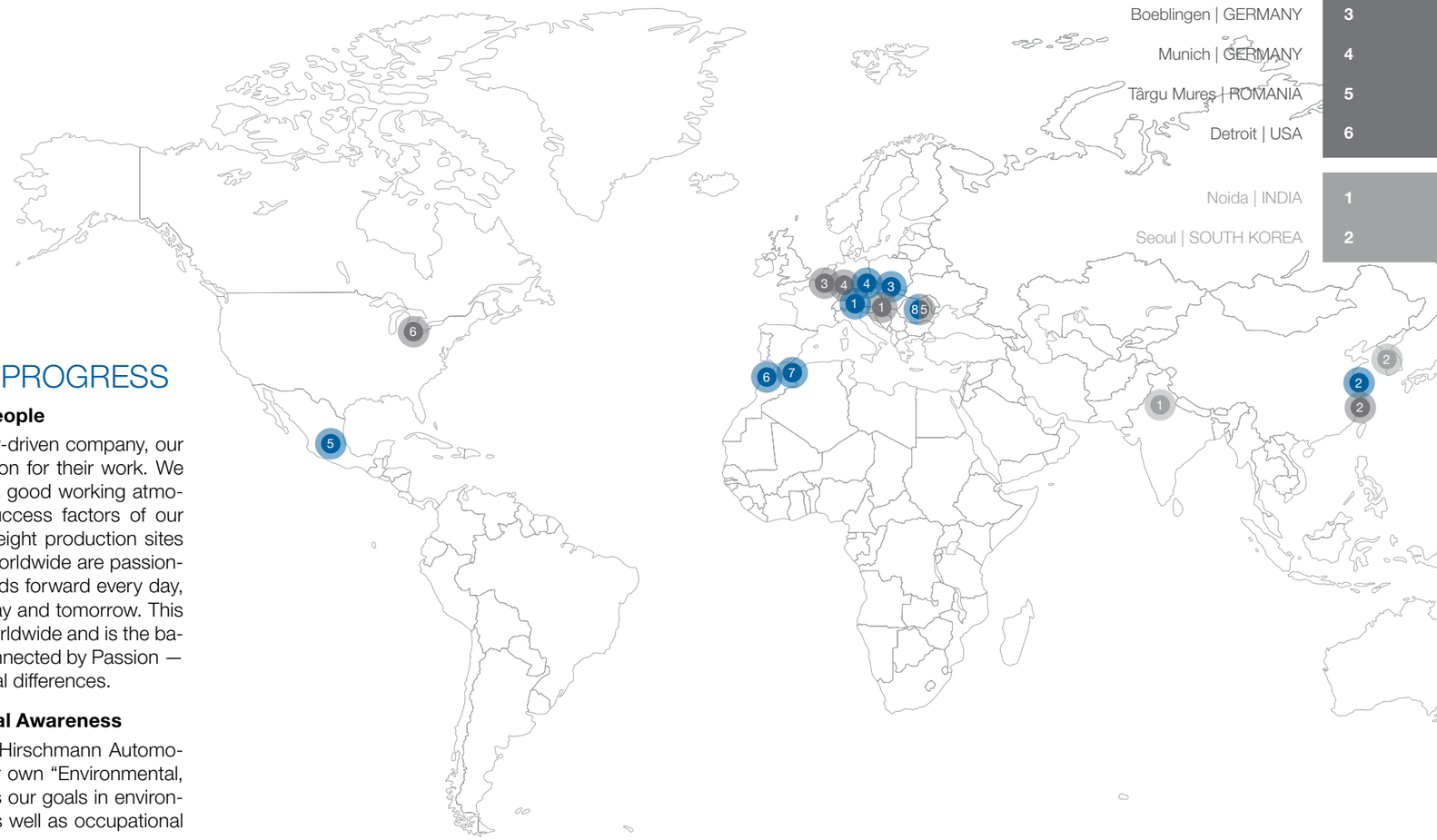
For more than 60 years, we have been driving progress in the automotive industry. Our specialty? Connectors, cable assemblies, sensors, and application-specific connectivity solutions. For the current megatrends of eMobility and autonomous driving, we develop systems that set new benchmarks.

The components are developed for applications that withstand the life cycle of the vehicle and extreme environmental requirements. Whether for cars with combustion engines or for electrified vehicles, whether standard products or individual customer solutions – we develop systems that set new standards and support you in making the most of your idea. To fully exploit its potential, the company is digitizing and optimizing the entire value chain.

Under the most extreme conditions, this is our self-conception.

COMPANY KEY FIGURES

Number of Employees worldwide	6,900
Plant Locations Production	8
Competence Centers	6
Distributor	2
Founding Year	1959



MOTION AND RELIABILITY: THAT IS OUR DEFINITION OF PROGRESS

A Competent Partner in Every Regard

We regard it as our duty to constantly develop and offer the automotive industry and especially our customers cutting-edge technologies. With professional tools and special machine construction, we create the best conditions for the efficient implementation of new products and special parts.

Quality Comes First

The central measuring and testing laboratory is the guarantor for fully tested components, from the design and construction phase through to series production. With vibration tests, metallography, microscopy, x-rays, tightness, infrared thermal analysis, or environmental impact analyses, you can be ensured that mature and flawless products leave our premises. Laboratory tests complete the extensive and indispensable quality process.

Good Connections Start with People

While we are an entirely technology-driven company, our true core is people and their passion for their work. We believe that good employees and a good working atmosphere are the most important success factors of our time. Around 6,900 employees at eight production sites as well as 5 competence centers worldwide are passionately driving the major industry trends forward every day, actively shaping the mobility of today and tomorrow. This “we” concept connects the sites worldwide and is the basis of our corporate philosophy: Connected by Passion — across borders, oceans, and cultural differences.

Sustainability and Environmental Awareness

The same standard applies to the Hirschmann Automotive Group worldwide, following our own “Environmental, Health & Safety Policy”. It describes our goals in environmental and energy management as well as occupational health and safety.

Connector Applications

Driven by Quality and Innovation

Our portfolio includes first-class connectors for all applications, whether in the interior or in highly loaded areas like the engine compartment and the axle cabling. Thereby, our products are as diverse as their application areas: They can be used for sealed or open systems. Furthermore, they are available as miniaturized or overmolded variants.

Our connectors are absolutely reliable. Depending on the application area, they are waterproof, vibration- and temperature-resistant. They guarantee maximum performance even under the highest thermal and dynamic loads.

Connected by Passion

Our entire product range meets international automotive standards. In close collaboration with renowned OEMs, we developed a standardized connector and pin housings portfolio. We offer them in various designs regarding pole numbers, codings, and interfaces.

Moreover, we design customized solutions exactly according to customer requests. This is our core competence, which we pursue with passion! Together with our customers, we are shaping the sustainable mobility of tomorrow.



SealStar Connector

Introduction

Hirschmann Automotive designs the SealStar Family in close collaboration with renowned OEMs and their system manufacturers. The plug connector systems are compact, robust as well as watertight and stand out due to excellent performance characteristics. Besides the watertightness, according to LV214 & USCAR2, the products impress with their high temperature and vibration resistance.





0.5 SealStar F Connector

Characteristics

The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

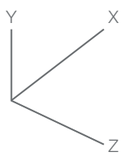
- watertight according to IPx8/IPx9K
- CPA (Connector Position Assurance)
- convenient and secure connection with audible feedback of detent function
- completely pre-assembled product
- compact design
- primary and secondary locking

6way 0.5 SealStar F

PRODUCT NO.	813-364-…
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100176 (n/a)
PROCESS SPECIFICATION	EVS-100176 (n/a)

ECO





X = 9.8 mm
Y = 9.2 mm
Z = 23.85 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.5 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	1.5 x 1.8 mm
WIRE SIZE RANGE	max. 0.35 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	F ≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	0.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity NanoMQS LL: C-1703930 (drawing) KOSTAL MK0.5 LL: 10272381-1
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (due to design)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: S2 v S3[2] IP-Code: IPx7 / IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	TE 114-94000-10

PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	11,000 pcs
PACKAGING WEIGHT	13.9 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	PIN SELECTION x = Pin closed 1	2	3	4	5	6
813-364-501	A	black						
813-364-508	A	black	x		x		x	x
813-364-509	A	black					x	x
813-364-510	A	black					x	

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

0.63 SealStar F Connector

Characteristics

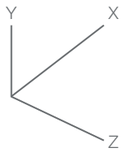
The variable-designed housings withstand high thermal and dynamic loads. In addition, they combine the following benefits:

- compliant with test specification LV214 / partially USCAR2
- watertight according to IPx8/IPx9K
- single-wire sealing and robust radial sealing
- CPA (Connector Position Assurance)
- convenient and secure connection with audible feedback of detent function
- completely pre-assembled product
- compact design
- primary and secondary locking

2way 0.63 SealStar F CPA

PRODUCT NO.	810-650-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103
PROCESS SPECIFICATION	EVS-100103





X = 16.4 mm
Y = 16.4 mm
Z = 26.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 0.75 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	TE 114-18063-122

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	4,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-650-521	A	black	-
810-650-522	B	nature	-
810-650-523	C	blue	-

Downloads

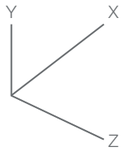
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

2way 0.63 SealStar F

PRODUCT NO.	809-109-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103
PROCESS SPECIFICATION	EVS-100103





X = 17.3 mm
Y = 15.3 mm
Z = 24.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 0.75 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	3.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: T3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	TE 114-18063-122

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	4,500 pcs
PACKAGING WEIGHT	14.3 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-109-541	A	black	-
809-109-542	B	grey	-
809-109-543	C	blue	-

Downloads

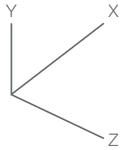
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

3way 0.63 SealStar F CPA

PRODUCT NO.	810-651-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103
PROCESS SPECIFICATION	EVS-100103





X = 15.4 mm
Y = 23.5 mm
Z = 26.8 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	TE 114-18063-123

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	3,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-651-521	A	black	-
810-651-522	B	nature	-
810-651-522	C	blue	-

Downloads

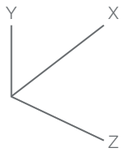
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

3way 0.63 SealStar F

PRODUCT NO.	809-315-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103
PROCESS SPECIFICATION	EVS-100103





X = 20.1 mm
Y = 15.4 mm
Z = 24.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	3.9 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: T3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	TE 114-18063-123

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	3,500 pcs
PACKAGING WEIGHT	11.6 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-315-541	A	black	-
809-315-542	B	grey	-
809-315-543	C	blue	-
809-315-544	E	brown	-

Downloads

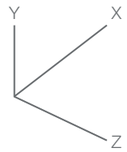
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 0.63 SealStar F CPA

PRODUCT NO.	810-652-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103
PROCESS SPECIFICATION	EVS-100103





X = 15.4 mm
Y = 26.6 mm
Z = 26.8 mm

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	TE 114-18063-124

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,800 pcs
PACKAGING WEIGHT	21.1 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

Downloads

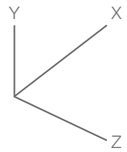
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 0.63 SealStar F

PRODUCT NO.	810-284-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103
PROCESS SPECIFICATION	EVS-100103





X = 23.3 mm
Y = 15.2 mm
Z = 24.1 mm

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.1 mm
WIRE SIZE RANGE	max. 0.75 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	4.4 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	TE 114-18063-124

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,300 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-284-...[3]	A	black	-
810-284-...[3]	B	grey	-

Downloads

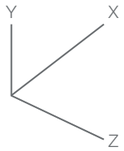
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

6way 0.63 SealStar F CPA

PRODUCT NO.	809-140-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103
PROCESS SPECIFICATION	EVS-100103





X = 33.4 mm
Y = 17.0 mm
Z = 26.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	6.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: T3/ S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	TE 114-18063-126

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,300 pcs
PACKAGING WEIGHT	15.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-140-...[3]	A	black	-

Downloads

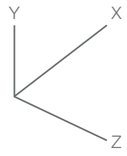
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

6way 0.63 SealStar F

PRODUCT NO.	809-140-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103
PROCESS SPECIFICATION	EVS-100103





X = 30.7 mm
Y = 17.0 mm
Z = 24.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF20
WEIGHT OF CONNECTOR (Delivery Condition)	6.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: T3/S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	TE 114-18063-126

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,300 pcs
PACKAGING WEIGHT	15.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-140-541	A	black	-
809-140-542	B	grey	-
809-140-544	Z	water blue	-
809-140-545	A	black	cavity 2, 3, 6 closed

Downloads

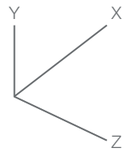
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

8way 0.63 SealStar F

PRODUCT NO.	810-658…
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103
PROCESS SPECIFICATION	EVS-100103





X = 31.6 mm
Y = 20.7 mm
Z = 24.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	3.5 x 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	7.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	TE 114-18063-126

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	12.1 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-658-...[3]	A	black	-

Downloads

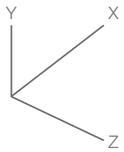
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

10way 0.63 SealStar F CPA

PRODUCT NO.	812-726-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100179-01 (n/a)
PROCESS SPECIFICATION	EVS-100179-01 (n/a)





X = 32.0 mm
Y = 24.0 mm
Z = 28.7 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 0.75 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-318-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

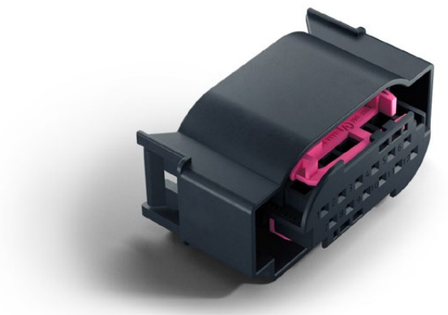
ORDER/PRODUCT NO.

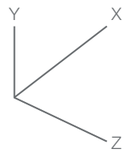
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
812-726-...[3]	A	black	-

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

12way 0.63 SealStar F

PRODUCT NO.	810-659-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103
PROCESS SPECIFICATION	EVS-100103





X = 44.0 mm
Y = 20.7 mm
Z = 27.6 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	3.5 x 4.0 mm
WIRE SIZE RANGE	max. 0.75 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MQS 0.63: C-929454 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.45 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

PACKAGING FEATURES

PACKAGING TYPE	bulk material

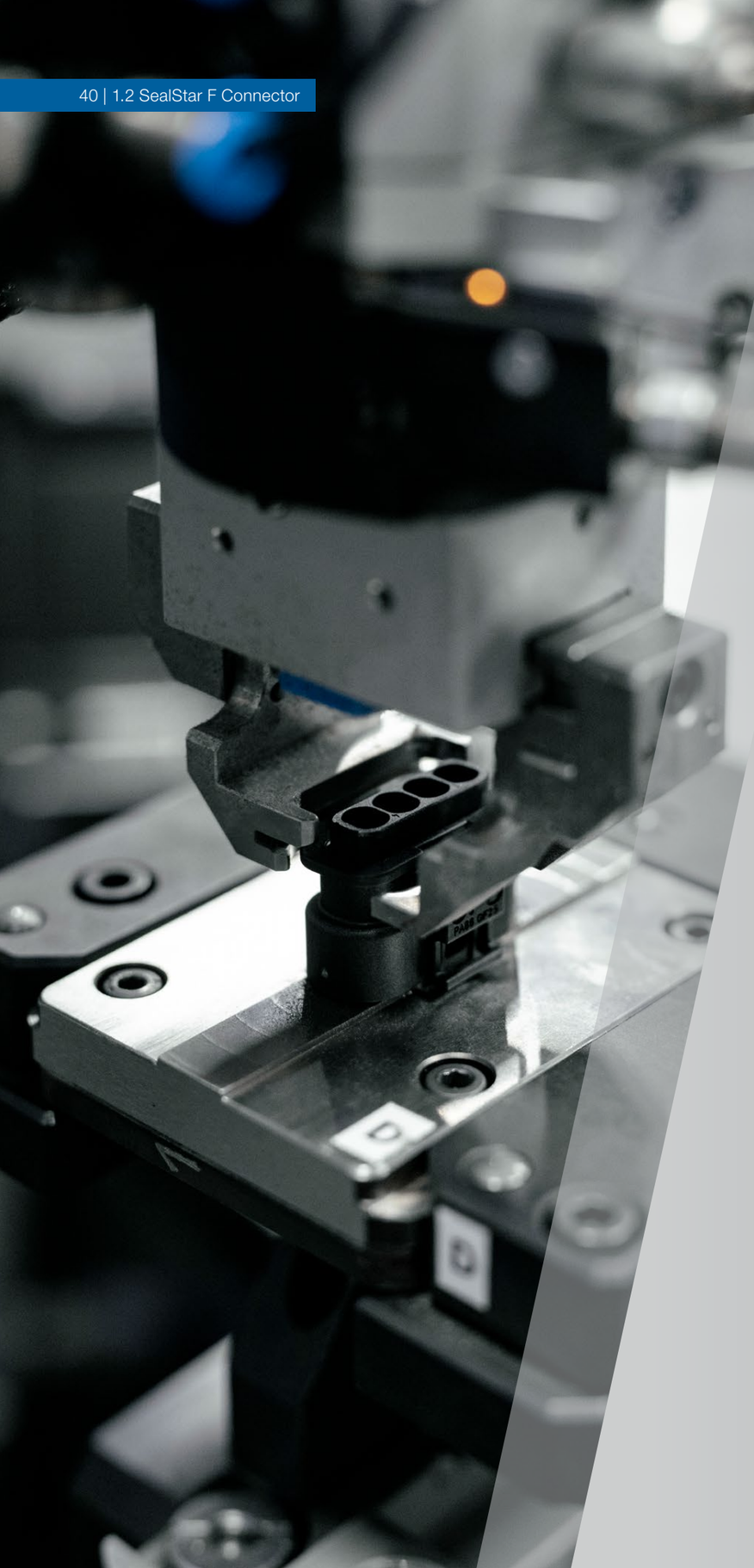
ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-659-...[3]	A	black	-

Downloads

- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available



1.2 SealStar F Connector

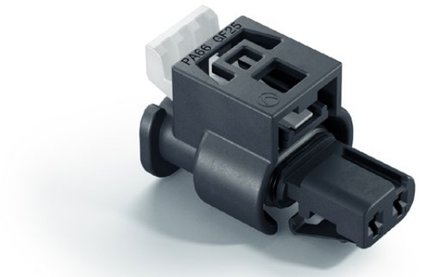
Characteristics

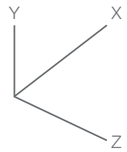
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- compliant with test specification LV214 & USCAR2
- watertight according to IPx8/IPx9K
- single-wire sealing and robust radial sealing
- CPA (Connector Position Assurance)
- convenient and secure connection with audible feedback of detent function
- completely pre-assembled product
- locking element either right or left of the protective shroud possible
- designed in accordance with VDA guidelines
- primary and secondary locking
- different female versions available (flipped key coding/protective shroud: flashed over cavities)

2way 1.2 SealStar F CPA

PRODUCT NO.	805-120-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 15.8 mm
Y = 16.5 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	2.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-555-... / 809-604-... Protective Cap: 707-130-501 (180°) / 707-131-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: T3/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z..

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	5,000 pcs
PACKAGING WEIGHT	13.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-120-581	A	standard	black	backlash reduction
805-120-582	B	standard	nature	backlash reduction
805-120-584	D	standard	claret violet	backlash reduction
805-120-526	A	flipped protective shroud	curry	backlash reduction
805-120-528	B	flipped protective shroud	nature	backlash reduction

Downloads

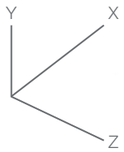
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

2way 1.2 SealStar F

PRODUCT NO.	872-857-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 15.8 mm
Y = 14.8 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	2.3 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-555-... / 809-604-... Protective Cap: 707-130-501 (180°) / 707-131-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: T3/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	5,000 pcs
PACKAGING WEIGHT	12.3 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-857-561	A	standard	black	-
872-857-562	B	standard	nature	-
872-857-563	C	standard	blue	-
872-857-565	A	flipped protective shroud	curry	-
872-857-566	B	flipped protective shroud	ivory	-

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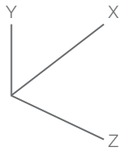
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

2way 1.2 Short Circuit Bridge

PRODUCT NO.	806-609-...
TYPE OF PRODUCT	short circuit bridge
PRODUCT SPECIFICATION	EPS-100051 (n/a)
PROCESS SPECIFICATION	EVS-100047 (n/a)





X = 15.8 mm
Y = 14.9 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	2.1 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-555-... / 809-604-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled short circuit bridge
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z...

PACKAGING FEATURES

PACKAGING SIZE	400 x 300 x 147 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	4.3 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

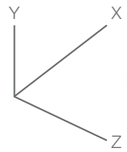
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-609-...[3]	Z	black	preassembled short circuit bridge
806-609-...[3]	Z	black	without preassembled short circuit bridge; blind plug

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

3way 1.2 SealStar F CPA

PRODUCT NO.	805-121-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 19.8 mm
Y = 16.5 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	3.2 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-556-... Protective Cap: 707-132-501 (180°) / 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: T4/V4/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-003-1-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	4,000 pcs
PACKAGING WEIGHT	13.5 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-121-581	A	standard	black	backlash reduction
805-121-582	B	standard	nature	backlash reduction
805-121-583	C	standard	blue	backlash reduction
805-121-525	Z	standard	waterblue	-
805-121-526	A	flipped protective shroud	curry	-

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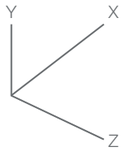
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

3way 1.2 SealStar F

PRODUCT NO.	872-858-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 19.8 mm
Y = 15.0 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	2.9 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-556-... Protective Cap: 707-132-501 (180°) / 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: T3/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-003-1-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	5,000 pcs
PACKAGING WEIGHT	15.3 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-858-541	A	standard	black	-
872-858-542	B	standard	nature	-
872-858-546	A	flipped protective shroud	curry	-

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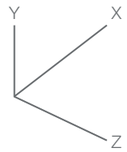
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- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 1.2 SealStar F CPA

PRODUCT NO.	805-122-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 24.9 mm
Y = 17.7 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	4.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-557-... Protective Cap: 707-134-501 (180°) / 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: T2/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-004-1-Z01 Rev E

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	3,000 pcs
PACKAGING WEIGHT	14.6 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-122-551	A	standard	black	backlash reduction
805-122-552	B	standard	nature	backlash reduction
805-122-553	C	flipped protective shroud	curry	backlash reduction
805-122-550	A	standard	black	no CPA

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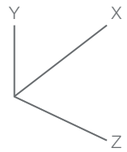
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 1.2 SealStar F

PRODUCT NO.	872-859-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 24.9 mm
Y = 16.2 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	4.3 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-557-... Protective Cap: 707-134-501 (180°) / 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG3 USCAR2: T2/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-004-1-Z01 Rev E

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	3,000 pcs
PACKAGING WEIGHT	13.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-859-541	A	standard	black	-
872-859-542	B	standard	nature	-

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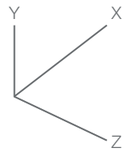
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- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 1.2 SealStar F CPA

PRODUCT NO.	807-550-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 20.0 mm
Y = 24.0 mm
Z = 27.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	5.1 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: SG4 USCAR2: T2/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-170-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	11.0 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-550-521	A	black	-

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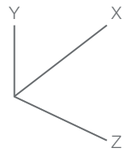
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[2] Protective Cap recommended

5way 1.2 SealStar F CPA

PRODUCT NO.	805-123-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 28.9 mm
Y = 17.7 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	4.7 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-974-... Protective Cap: 707-136-501 (180°) / 707-137-501 (90°) / 707-138-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG3 USCAR2: T2/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-975-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	12.5 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-123-551	A	standard	black	backlash reduction
805-123-552	B	standard	nature	backlash reduction

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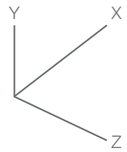
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- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

5way 1.2 SealStar F

PRODUCT NO.	872-860-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 28.9 mm
Y = 16.2 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	5.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-974-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: T2/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-975-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	13.3 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-860-541	A	standard	black	-
872-860-546	A	flipped protective shroud	black	-

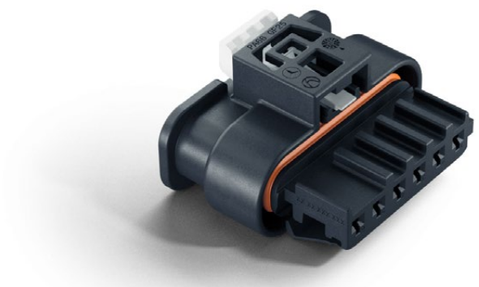
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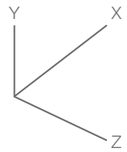
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

6way 1.2 SealStar F CPA

PRODUCT NO.	805-124-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 32.9 mm
Y = 17.7 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.2 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-614-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: T3/V2/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-006-1-Z02

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	13.1 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-124-561	A	standard	black	-

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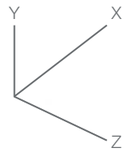
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

6way 1.2 SealStar F

PRODUCT NO.	872-861-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 32.9 mm
Y = 16.2 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	5.8 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-614-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: T2/V2/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-006-1-Z02

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	12.4 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-861-561	A	standard	black	-
872-861-562	B	standard	nature	-

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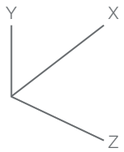
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

6way 1.2 SealStar F CPA

PRODUCT NO.	807-551-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 24.0 mm
Y = 24.0 mm
Z = 27.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-170-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-551-581	A	black	-
807-551-582	B	black	-

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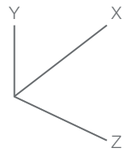
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

8way 1.2 SealStar F CPA

PRODUCT NO.	805-125-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 40.9 mm
Y = 17.7 mm
Z = 27.4 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	7.8 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-560-... / 809-799-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-975-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	16.4 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-125-...[3]	A	standard	black	long shroud, no CPA

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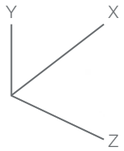
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

8way 1.2 SealStar F

PRODUCT NO.	872-862-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 40.9 mm
Y = 16.2 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	7.3 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-560-... / 809-799-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-975-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	15.3 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-862-521	A	standard	black	-

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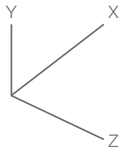
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

8way 1.2 SealStar F CPA

PRODUCT NO.	805-031-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 28.0 mm
Y = 21.7 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	PinHeader: 955-004-... / 955-007-... / 955-070-... / 955-048-... / 807-520-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	7.6 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-031-551	A	standard	black	
805-031-552	B	standard	nature	-
805-031-581	A	flipped protective shroud	black	-
805-031-541	A	standard	black	no CPA
805-031-542	B	standard	nature	no CPA
805-031-585	A	standard	black	cavity 2, 5, 6 closed

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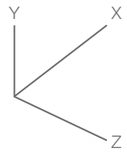
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

8way 1.2 SealStar F

PRODUCT NO.	805-031-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 16.9 mm
Y = 37.6 mm
Z = 26.1 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA (2x lateral latching)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	7.6 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-031-531	A	standard	black	2x lateral laches

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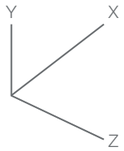
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

10way 1.2 SealStar F CPA

PRODUCT NO.	807-602-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 32.0 mm
Y = 24.0 mm
Z = 27.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	PinHeader: 807-581...[3]
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-170-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-602-511	A	black	-

Downloads

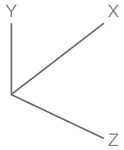
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

12way 1.2 SealStar F CPA

PRODUCT NO.	806-344-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 36.1 mm
Y = 21.7 mm
Z = 26.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 120 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.3 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 813-442-... Pin Header: 809-391-...[3] / 905-803-... / 906--836-... / 812-640-... / 707-099-... / 810-076-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: T2/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-012-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	9.1 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-344-541	A	standard	black	-
806-344-542	B	standard	nature	-

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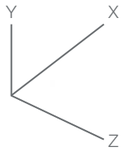
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

12way 1.2 SealStar F

PRODUCT NO.	806-360-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100061-01





X = 36.6 mm
Y = 16.0 mm
Z = 28.7 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.00 mm
WIRE SIZE RANGE	min. 0.35 mm^2, max. 0.5 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 120 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.1 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal MLK 1.2-Sm: DOC 00072546 Kostal MLK 1.2-S: DOC00079128 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity Product No. 1-1452424-2 1-1452424-1

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: S2 IP-Code: IPx8 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-124-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	7.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-360-521	A	standard	black	black protective shroud cavity 12 closed 2x lateral laches
806-360-522	A	standard	black	grey protective shroud 11, 12 closed 2x lateral laches
806-360-506	A	standard	black	waterblue protective shroud 2x lateral laches

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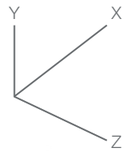
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124

16way 1.2 SealStar F CPA

PRODUCT NO.	805-587-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 44.0 mm
Y = 21.7 mm
Z = 27.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 120 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	10.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 813-377-… /805-588-… / 807-446-… PinHeader: 809-950-... / 807-536-501 / 810-485-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: T2/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-016-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	11.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-587-551	A	standard	black	-
805-587-542	B	standard	black	-
805-587-545	A	flipped protective shroud	black	-

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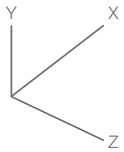
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

24way 1.2 SealStar F

PRODUCT NO.	805-551-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100029-02 (n/a)
PROCESS SPECIFICATION	EVS-100026-02 (n/a)





X = 59.6 mm
Y = 23.3 mm
Z = 27.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	24way
CENTERLINE OF TERMINALS (Pitch)	3.5 x 8.1 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	25.63 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	PinHeader: 806-732-...[3]
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-052-...

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	500 pcs
PACKAGING WEIGHT	13.6 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-551-...[3]	A	black	-
805-551-...[3]	A	black	cavitiy 3, 4, 5, 6, 7, 15, 16, 21 closed (8 cavities closed in total)
805-551-...[3]	A	black	cavitiy 4, 7, 12, 13, 14, 15, 16, 17, 18, 19, 20, 24 closed (12 cavities closed in total)
805-551-...[3]	A	black	cavitiy 13, 14, 15, 16, 17, 18, 19, 20 closed (8 cavities closed in total)

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available



1.2 SealStar M Connector

Characteristics

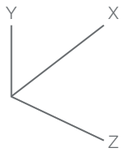
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- compliant with test specification LV214 & TLF0214 & USCAR2
- watertight according to IPx8/IPx9K
- single-wire sealing
- completely pre-assembled product
- either US-Clip or with EU-Clip available
- primary and secondary locking
- different male versions available (with or without clipslot/EU-Clip and US-Clip)

2way 1.2 SealStar M

PRODUCT NO.	809-555-... 809-604-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 14.8 mm
Y = 14.0 mm
Z = 44.2 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	3.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-120-... / 872-857-... / 806-026-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	3,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-555-521	A	black	clip small (1 clip)
809-555-522	B	black	clip small (1 clip)
809-555-526	A	black	no locator element (no clip)
809-604-523	B	grey	clip USCAR11
809-604-524	B	grey	clip USCAR11

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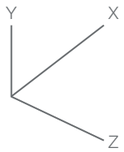
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

3way 1.2 SealStar M

PRODUCT NO.	809-556-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 18.8 mm
Y = 16.8 mm
Z = 44.2 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	4.3 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-121-... / 872-858-... / 806-881-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-003-1-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,200 pcs
PACKAGING WEIGHT	10.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-556-521	A	black	clip small (1 clip)

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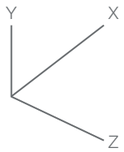
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 1.2 SealStar M

PRODUCT NO.	809-557-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 24.4 mm
Y = 18.1 mm
Z = 44.2 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	4.8 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-122-... / 872-859-... / 806-880-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-004-1-Z01 Rev E

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,700 pcs
PACKAGING WEIGHT	8.9 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-557-541	A	black	clip small (1 clip)
809-557-542	B	black	clip small (1 clip)
809-557-543	C	black	clip small (1 clip)

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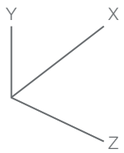
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

5way 1.2 SealStar M

PRODUCT NO.	806-974-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 30.5 mm
Y = 22.3 mm
Z = 50.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	12.3 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 872-860-... / 805-123-... / 805-992-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-975-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.1 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-974-511	A	black	clip small (1 clip)
806-974-512	B	black	clip small (1 clip)

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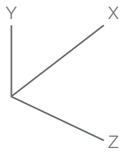
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[2] Protective Cap recommended

6way 1.2 SealStar M

PRODUCT NO.	806-614-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 34.5 mm
Y = 22.3 mm
Z = 50.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	13.1 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 872-861-... / 805-124-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-006-1-Z02

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.1 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-614-521	A	black	clip small (1 clip)

Downloads

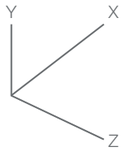
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[2] Protective Cap recommended

8way 1.2 SealStar M

PRODUCT NO.	809-560-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 40.2 mm
Y = 18.2 mm
Z = 44.2 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	11.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-125-... / 872-862-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-975-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	11.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-560-521	A	black	clip small (1 clip)
809-560-522	B	black	clip small (1 clip)

Downloads

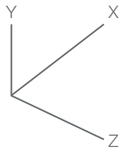
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

12way 1.2 SealStar M

PRODUCT NO.	813-442-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 33.1 mm
Y = 22.9 mm
Z = 44.2 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	12.7 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 807-344-... / 807-479-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	TLF0214: T3/V3/D3 v D4[2] USCAR2: T3/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-183-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.5 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
813-442-501	A	black	clip small (1 clip)
813-442-502	B	black	clip small (1 clip)
813-442-551	A	black	clip USCAR11
813-442-552	B	black	clip USCAR11

Downloads

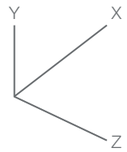
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING

[2] Protective Cap recommended

16way 1.2 SealStar M

PRODUCT NO.	813-377-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011
PROCESS SPECIFICATION	EVS-100121





X = 41.1 mm
Y = 22.9 mm
Z = 44.2 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 120 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	15.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587-... / 807-445-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	TLF0214: T3/V3/D3 v D4[2] USCAR2: T3/V3/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-183-...00 120-S-016-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	800 pcs
PACKAGING WEIGHT	16.3 kg
PACKAGING TYPE	bulk material

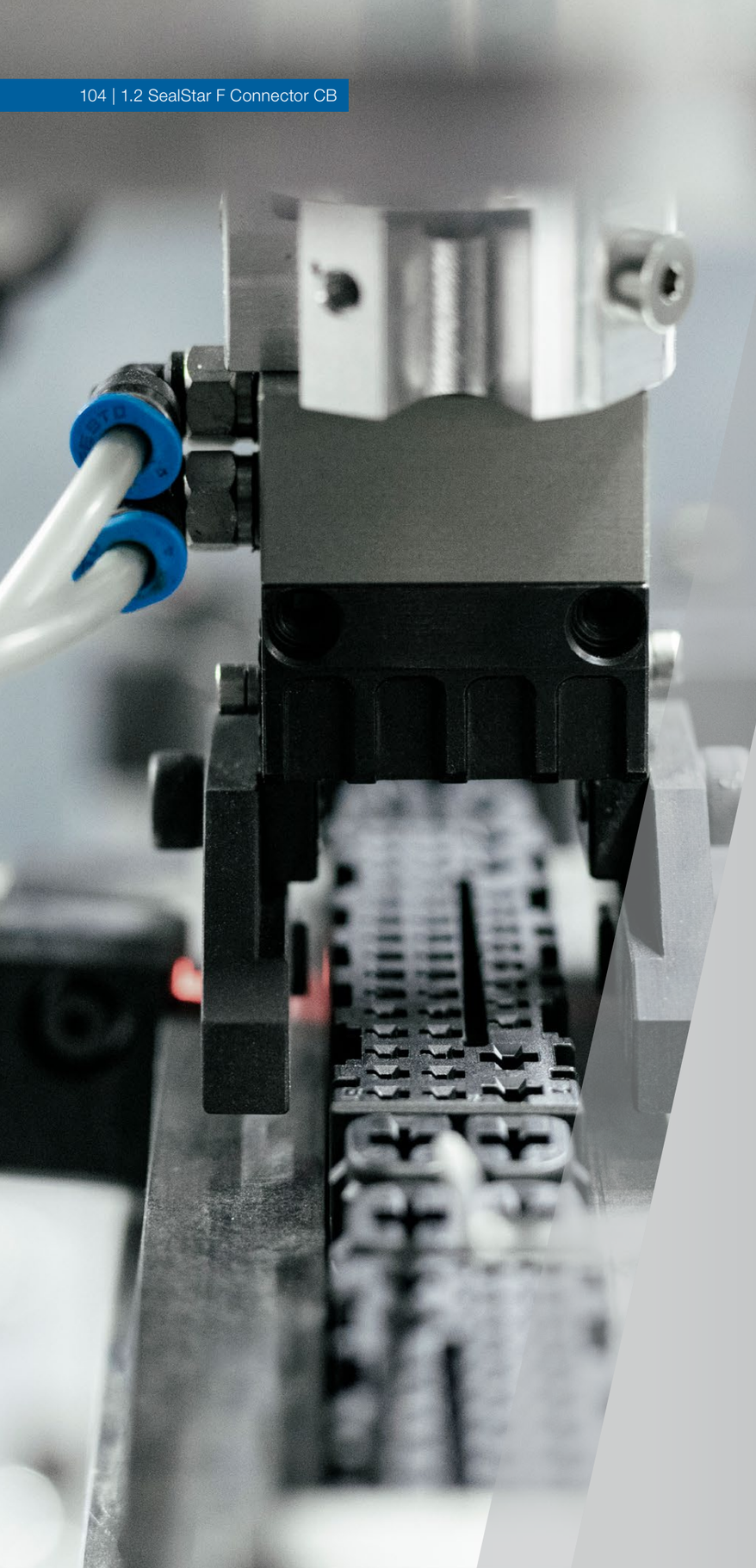
ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
813-377-501	A	black	clip small (1 clip)
813-377-502	B	black	clip small (1 clip)
813-377-551	A	black	clip USCAR11
813-377-552	B	black	clip USCAR11

Downloads

- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING

[2] Protective Cap recommended



1.2 SealStar F Connector CB

Characteristics

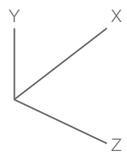
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- compliant with test specification LV214
- watertight according to IPx8/IPx9K
- completely pre-assembled product
- easy to close individual pins without blind plugs due to innovative product design
- compact design due to matt seal
- matt seal and robust radial sealing

8way 1.2 SealStar F CB CPA

PRODUCT NO.	809-173-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100107 (n/a)
PROCESS SPECIFICATION	EVS-100107 (n/a)





X = 25.8 mm
Y = 21.1 mm
Z = 31.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	2.5 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 100 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Clean Body (CB)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity 1.2 MCON CB: C-1534326 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Molex: 985751010 TE Connectivit: 1-1452424-3 Kostal Nr: 10200610940; 10122757

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	DOC01390875

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	12.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

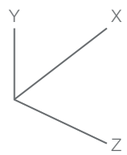
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-173-521	A	black	-
809-173-522	B	nature	-
809-173-525	Z	waterblue	-

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

12way 1.2 SealStar F CB CPA

PRODUCT NO.	809-174-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100107 (n/a)
PROCESS SPECIFICATION	EVS-100107 (n/a)





X = 30.8 mm
Y = 21.2 mm
Z = 31.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	2.5 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 100 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Clean Body (CB)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	11.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity 1.2 MCON CB: C-1534326 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Molex: 985751010 TE Connectivit: 1-1452424-3 Kostal Nr: 10200610940; 10122757

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	-

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	11.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-174-622	A	black	-
809-174-623	B	nature	-
809-174-624	C	blue	-
809-174-625	Z	waterblue	-

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available



2.8 SealStar F Connector

Characteristics

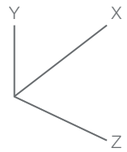
The 2.8 SealStar is robust and combines the following positive features:

- compliant with test specification LV214
- watertight according to IPx8/IPx9K
- single-wire sealing and robust radial sealing
- CPA (Connector Position Assurance)
- convenient and secure connection with audible feedback of detent function
- completely pre-assembled product
- locking element either right or left of the protective shroud possible
- primary and secondary locking
- compatible for 2.8 MCP, CTS and MAK contact systems

2way 2.8 SealStar F CPA

PRODUCT NO.	807-872-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100100
PROCESS SPECIFICATION	EVS-100100





X = 22.5 mm
Y = 21.4 mm
Z = 31.7 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-132-501 (180°) / 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355036 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-169-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,800 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-872-511	A	black	-
807-872-512	B	nature	-
807-872-513	C	blue	-

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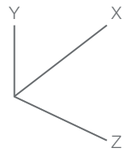
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

3way 2.8 SealStar F CPA

PRODUCT NO.	807-873-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100100
PROCESS SPECIFICATION	EVS-100100





X = 27.5 mm
Y = 21.4 mm
Z = 31.7 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-134-501 (180°) / 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355036 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-169-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,800 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-873-511	A	black	-
807-873-512	B	nature	-

Downloads

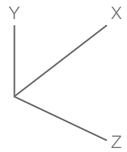
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 2.8 SealStar F CPA

PRODUCT NO.	807-874-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100100
PROCESS SPECIFICATION	EVS-100100





X = 32.5 mm
Y = 21.4 mm
Z = 31.7 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	9.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-136-501 (180°) / 707-137-501 (90°) / 707-138-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355036 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-169-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-874-511	A	black	-
807-874-512	B	nature	-

Downloads

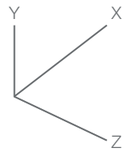
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

5way 2.8 SealStar F CPA

PRODUCT NO.	807-875-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100100
PROCESS SPECIFICATION	EVS-100100





X = 37.5 mm
Y = 21.4 mm
Z = 31.7 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	11.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355036 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-169-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-875-511	A	black	-

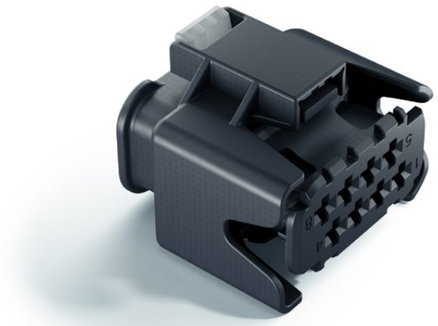
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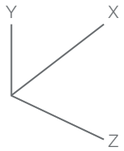
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

8way 2.8 SealStar F CPA

PRODUCT NO.	807-871-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100100
PROCESS SPECIFICATION	EVS-100100





X = 35.1 mm
Y = 26.8 mm
Z = 31.65 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 100 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	9.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 872-586-…
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355036 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-008-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-871-521	A	black	-
807-871-522	B	nature	-

Downloads

- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended



2.8 SealStar SLK F Connector

Characteristics

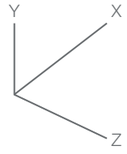
Lightweight construction is closely linked with efficiency – and our SealStar housings also combine both features. The connectors are compact and convince with their resistance to external influences:

- compliant with test specification LV214
- watertight according to IPx8/IPx9K
- single-wire sealing and robust radial sealing
- CPA (Connector Position Assurance)
- completely pre-assembled product
- locking element either right or left of the protective shroud possible
- primary and secondary locking

2way 2.8 SealStar SLK F CPA

PRODUCT NO.	805-198-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100013-00
PROCESS SPECIFICATION	EVS-100016-00





X = 22.5 mm
Y = 21.1 mm
Z = 29.6 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	5.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-132-501 (180°) / 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-169-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	11.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-198-521	A	black	-
805-198-522	B	nature	-
805-198-523	C	blue	-
805-198-526	C	blue	cavity 2 closed
805-198-527	C	blue	no CPA, cavity 2 closed
805-198-528	B	nature	no CPA

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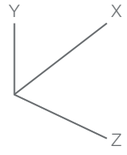
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

3way 2.8 SealStar SLK F CPA

PRODUCT NO.	805-199-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100013-00
PROCESS SPECIFICATION	EVS-100016-00





X = 27.5 mm
Y = 21.1 mm
Z = 29.6 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-134-501 (180°) / 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-169-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	10.4 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-199-521	A	black	-

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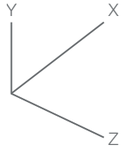
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 2.8 SealStar SLK F CPA

PRODUCT NO.	805-200-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100013-00
PROCESS SPECIFICATION	EVS-100016-00





X = 32.5 mm
Y = 21.1 mm
Z = 29.6 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Protective Cap: 707-136-501 (180°) / 707-137-501 (90°) / 707-138-501 (90°)
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-169-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	10.4 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-200-521	A	black	-
805-200-531	A	black	no CPA

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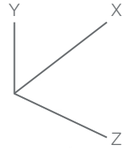
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 2.8 SealStar SLK F

PRODUCT NO.	805-219-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100015-00





X = 28.9 mm
Y = 16.2 mm
Z = 29.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	5.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-030-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	13.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-219-521	A	black	lowered protective shroud no CPA
805-219-522	B	nature	lowered protective shroud no CPA

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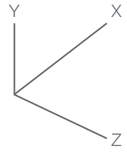
► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

5way 2.8 SealStar SLK F CPA

PRODUCT NO.	805-260-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100013-00
PROCESS SPECIFICATION	EVS-100016-00





X = 37.5 mm
Y = 21.1 mm
Z = 29.6 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	2.8 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-169-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	8.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-260-541	A	black	no CPA

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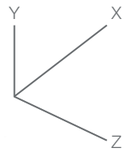
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

8way 2.8 SealStar SLK F

PRODUCT NO.	872-585-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100024-00
PROCESS SPECIFICATION	EVS-100009-00





X = 35.1 mm
Y = 25.7 mm
Z = 28.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	11.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 872-586-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG4 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-008-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	12.4 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-585-521	A	black	-

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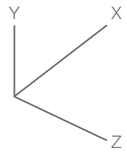
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

8way 2.8 SealStar SLK F CPA

PRODUCT NO.	805-645-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100024-00
PROCESS SPECIFICATION	EVS-100009-00





X = 35.1 mm
Y = 26.5 mm
Z = 29.6 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	12.2 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-008-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.9 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-645-521	A	black	-

Downloads

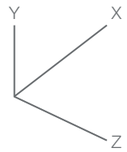
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING

[2] Protective Cap recommended

10way 2.8 SealStar SLK F CPA

PRODUCT NO.	805-986-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100024-00
PROCESS SPECIFICATION	EVS-100009-00





X = 40.1 mm
Y = 26.3 mm
Z = 31.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm[2]
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	14.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-089-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	14.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-986-...[3]	A	black	-

Downloads

- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION

[2] Protective Cap recommended
[3] On request: OEM restricted; samples available



2.8 SealStar SLK M Connector

Characteristics

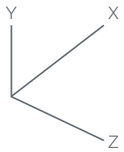
Lightweight construction is closely linked with efficiency – and our SealStar housings also combine both features. The connectors are compact and convince with their resistance to external influences.

- compliant with test specification LV214
- watertight according to IPx8/IPx9K
- single-wire sealing and robust radial sealing
- CPA (Connector Position Assurance)
- convenient and secure connection with audible feedback of detent function
- completely pre-assembled product
- primary and secondary locking

8way 2.8 SealStar M SLK

PRODUCT NO.	872-586-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100028 (n/a)
PROCESS SPECIFICATION	EVS-100004 (n/a)





X = 32.3 mm
Y = 26.3 mm
Z = 49.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	12.3 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 872-585-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal SLK 2.8: DOC00074173 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-008-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.1 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-586-541	A	black	-
872-586-551	A	black	clip small (1 clip)

Downloads

- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

SealStar HMK Connector

Introduction

The SealStar HMK product range shows all its strengths when everything vibrates in the engine compartment.

Our patented SealStar HMK product range offers various high-quality features. It impresses, for example, with maximum vibration resistance and tightness. On top of that, the high-performance engine contact systems function reliably even at extreme temperatures.

The products are offered with an AK receptacle and can be customized automatically. Thanks to the patented insertion process, the effort in the manual assemblage is small, while the normal contact force is reliable and high.





1.2 SealStar HMK F Connector

Characteristics

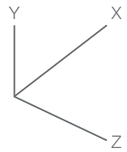
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- compliant with test specification LV214
- watertight according to IPx8/IPx9K
- single-wire sealing and robust radial sealing
- CPA (Connector Position Assurance)
- convenient and secure connection with audible feedback of detent function
- completely pre-assembled product
- maximum vibration resistance thanks to a high level of contact normal force (highest verified profile: SG6 up to max. 80 g)
- compatible with existing plug socket interface AK 1.2 interface 872-975…00
- patented Hirschmann Automotive solution (two-step plug-in process)
- primary and secondary locking
- compatible with existing AK 1.2 interface (872-975-...AK)

2way 1.2 SealStar HMK F CPA

PRODUCT NO.	806-026-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100059-00
PROCESS SPECIFICATION	EVS-100059-00





X = 15.6 mm
Y = 18.8 mm
Z = 36.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	3.9 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-555-... / 809-604-... Protective Cap: 707-130-501 (180°) / 707-131-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 1.2: 709-125-..00 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Kostal: Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG6 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	8.4 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-026-541	A	black	-
806-026-542	B	nature	-

Downloads

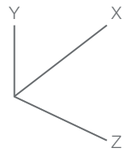
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

3way 1.2 SealStar HMK F CPA

PRODUCT NO.	806-881-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100059-00
PROCESS SPECIFICATION	EVS-100059-00





X = 19.6 mm
Y = 18.8 mm
Z = 36.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	4.7 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-556-... Protective Cap: 707-132-501 (180°) / 707-133-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 1.2: 709-125-..00 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Kostal: Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG6 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z01

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	8.0 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-881-541	A	black	-
806-881-542	B	nature	
806-881-544	D	violet	

Downloads

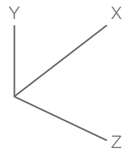
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 1.2 SealStar HMK F CPA

PRODUCT NO.	806-880-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100059-00
PROCESS SPECIFICATION	EVS-100059-00





X = 24.9 mm
Y = 19.9 mm
Z = 36.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 85 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	4.9 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-557-... Protective Cap: 707-134-501 (180°) / 707-135-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 1.2: 709-125-..00 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Kostal: Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG6 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-004-1-Z01 Rev E

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 120 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	13.6 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-880-541	A	black	-

Downloads

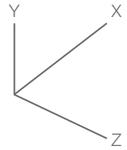
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

5way 1.2 SealStar HMK F CPA

PRODUCT NO.	805-992-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100059-00
PROCESS SPECIFICATION	EVS-100059-00





X = 28.9 mm
Y = 19.9 mm
Z = 36.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 85 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	7.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-974-... Protective Cap: 707-136-501 (180°) / 707-137-501 (90°) / 707-138-501 (90°)
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 1.2: 709-125-..00 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Kostal: Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG6 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-975-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	8.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
805-992-541	A	black	-

Downloads

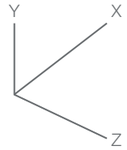
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

6way 1.2 SealStar HMK F CPA

PRODUCT NO.	806-524-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100059-00
PROCESS SPECIFICATION	EVS-100059-00





X = 32.9 mm
Y = 19.9 mm
Z = 36.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 105 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	8.1 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-614-...
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 1.2: 709-125-..00 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Kostal: Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG6 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-006-1-Z02

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	8.8 kg
PACKAGING TYPE	bulk material

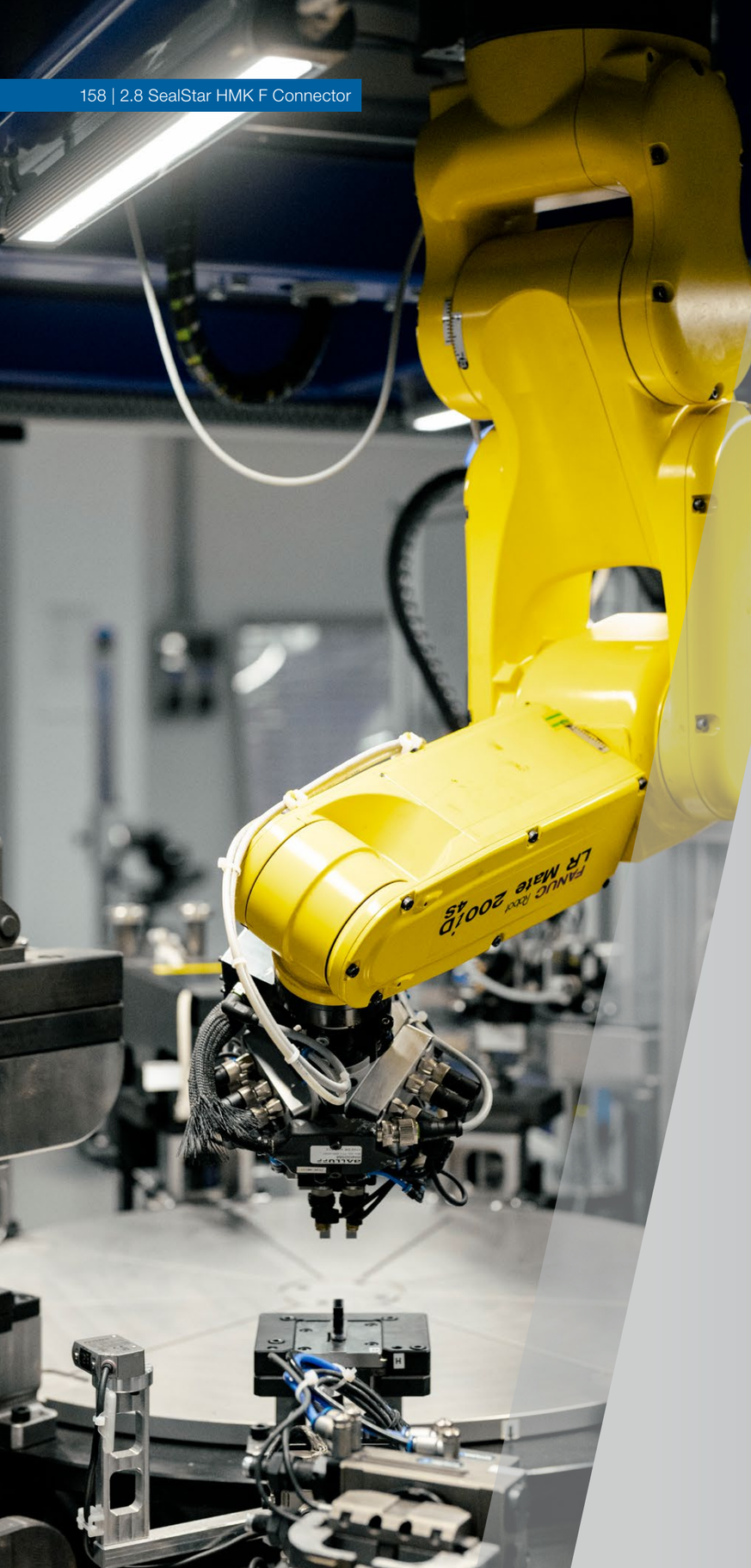
ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-524-...[3]	A	black	-

Downloads

- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available



2.8 SealStar HMK F Connector

Characteristics

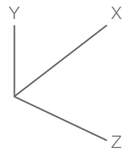
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- compliant with test specification LV214
- watertight according to IPx8/IPx9K
- single-wire sealing and robust radial sealing
- CPA (Connector Position Assurance)
- convenient and secure connection with audible feedback of detent function
- completely pre-assembled product
- maximum vibration resistance thanks to a high level of contact normal force (highest verified profile: SG6 up to max. 80 g)
- compatible with existing plug socket interface AK 2.8 interface 808-169…00
- patented Hirschmann Automotive solution (two-step plug-in process)
- primary and secondary locking
- compatible with existing AK 2.8 interface (808-828-...AK)

2way 2.8 SealStar HMK F CPA

PRODUCT NO.	807-827-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100102
PROCESS SPECIFICATION	EVS-100102





X = 23.0 mm
Y = 24.9 mm
Z = 40.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	active TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	9.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 2.8: 709-939-... (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Kostal: Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG6 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-169-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-827-511	A	black	
807-827-512	B	nature	
807-827-516	A	curry	cavitiy 2 closed

Downloads

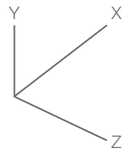
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

3way 2.8 SealStar HMK F CPA

PRODUCT NO.	807-828-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100102
PROCESS SPECIFICATION	EVS-100102





X = 28.0 mm
Y = 24.9 mm
Z = 40.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 100 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF35
WEIGHT OF CONNECTOR (Delivery Condition)	11.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive HMK 2.8: 709-939-... (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Kostal: Single wire seal and dummy plus are given on the corresponding terminal drawing

No distribution via Hirschmann Automotive.
Please contact supplier directly.

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG6 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-169-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	11.8
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-828-511	A	black	-
807-828-512	B	nature	-

Downloads

- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

SealStar Hybrid Connector

Introduction

Our Hybrid Connectors are designed for versatility. It supports multiple blade sizes within one connector and combines innovation with reliability.

The development of our SealStar housings has laid the foundation for a compact, robust and watertight generation of connectors, without compromising on performance.

Renowned OEMs and their system manufacturers were involved in the development process. The innovative design of the housings makes them compatible for the use with a range of different contacts.





SealStar Hybrid Connector

Characteristics

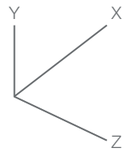
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- single-wire sealing and robust radial sealing
- convenient and secure connection with audible feedback of detent function
- completely pre-assembled product
- primary and secondary locking
- additional characteristics are product-specific, check the individual connector description or contact our Product Management

5way SealStar Hybrid F Connector

PRODUCT NO.	872-652-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 43.4 mm
Y = 17.7 mm
Z = 29.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	3+2way
CENTERLINE OF TERMINALS (Pitch)	4.0, 5.0 mm
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	10.1 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: $T_{max\ (150°\ C)}$ = 3,000 h USCAR2: S2 IP-Code: IP6K9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-013-...

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	10.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

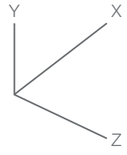
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-652-...[3]	A	black	90° twisted CPA

[3] On request: OEM restricted; samples available

7way SealStar Hybrid F Connector

PRODUCT NO.	872-689-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 40.9 mm
Y = 16.2 mm
Z = 28.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	3+4way
CENTERLINE OF TERMINALS (Pitch)	4.0, 5.0 mm
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	7.2 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing) Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-242-...

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	16.3 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

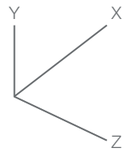
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-689-...[3]	Z	water blue	-

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

7way SealStar Hybrid F Connector CPA

PRODUCT NO.	809-199-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 40.9 mm
Y = 17.7 mm
Z = 28.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	3+4way
CENTERLINE OF TERMINALS (Pitch)	4.0, 5.0 mm
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	7.2 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing) Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-014-...

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	11.5 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

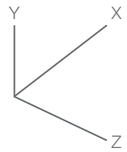
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-199-...[3]	Z	water blue	-

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

10way SealStar Hybrid F Connector

PRODUCT NO.	807-287-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 44.4 mm
Y = 21.5 mm
Z = 29.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	6+4way
CENTERLINE OF TERMINALS (Pitch)	4.0, 5.0 mm
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows, 1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	12.9 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing) Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-174-...

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.6 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

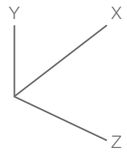
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
807-287-...[3]	A	black	-

[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

16way SealStar Hybrid F Connector

PRODUCT NO.	809-129-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 50.5 mm
Y = 30.1 mm
Z = 29.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	14+2way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm, n/a
WIRE SIZE RANGE	max. 1.0, max. 2.5 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	21.8 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing) Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: $T_{max\ (150°\ C)}$ = 3,000 h/SG4 USCAR2: T4/V2/S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-201-...

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	500 pcs
PACKAGING WEIGHT	11.6 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

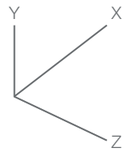
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-129-501	A	black	-
809-129-502	A	black	flipped protective shroud
809-129-503	A	black	no CPA
809-129-504	A	black	flipped protective shroud, no CPA

[2] Protective Cap recommended

18way SealStar Hybrid F Connector

PRODUCT NO.	812-400-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 73.9 mm
Y = 30.4 mm
Z = 44.2 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	14+4way
CENTERLINE OF TERMINALS (Pitch)	4.0, 6.0 mm
WIRE SIZE RANGE	max. 1.5, max. 2.5 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 50 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	34.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 812-401-... Protective Cap: 707-695-... / 714-338-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing) TE Connectivity MCP 2.8: C-1355036 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPX6K/ IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-307-...

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	300 pcs
PACKAGING WEIGHT	11.1 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

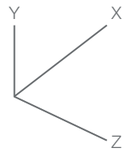
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
812-400-511	A	black	-
812-400-512	B	nature	-
812-400-516	A	black	cavitiy 1, 2, 7, 8, 9, 12, 17, 18 closed
812-400-517	B	nature	cavitiy 1, 2, 7, 8, 9, 12, 17, 18 closed
812-400-518	A	black	cavitiy 7, 8, 9, 12, 17, 18 closed
812-400-519	B	nature	cavitiy 7, 8, 9, 12, 17, 18 closed

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

18way SealStar Hybrid M Connector

PRODUCT NO.	812-401-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 57.8 mm
Y = n/a
Z = 51.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	14+4way
CENTERLINE OF TERMINALS (Pitch)	4.0, 6.0 mm
WIRE SIZE RANGE	max. 1.5, max. 2.5 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 50 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	27.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 812-400-… Protective Cap: 707-695-…; 714-338-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing) TE Connectivity MCP 2.8: C-1355052 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPX6K/ IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-307-...

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	400 pcs
PACKAGING WEIGHT	11.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
812-401-521	A	black	clip standard (3 clips)
812-401-522	B	nature	clip standard (3 clips)
812-401-523	A	black	clip standard (3 clips)
812-401-524	B	nature	clip standard (3 clips)
812-401-525	A	black	clip standard (3 clips)
812-401-526	B	nature	clip standard (3 clips)

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

46way SealStar Hybrid F Connector + Protective Cap

PRODUCT NO.	806-554-...	806-555-...
TYPE OF PRODUCT	housing for female terminal (F)	
PRODUCT SPECIFICATION	n/a	
PROCESS SPECIFICATION	n/a	



X = 91.0 mm
Y = 34.8 mm
Z = 31.6 mm



X = 104.6 mm
Y = 63.3 mm
Z = 34.2 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm, 6.3 mm/4.8 mm	
NUMBER OF PINS	38+4+4way	
CENTERLINE OF TERMINALS (Pitch)	3.8, 6.0, 8.5 mm	
WIRE SIZE RANGE	max. 0.75, max. 2.5, max. 6.0 mm^2	
SEALED APPLICATION	sealed	
CODING OF PRODUCT	available	
MAX. MATING AND UNMATING FORCE	≤ 100 N	
VOLTAGE CLASS	≤ 60 V	
NUMBER OF TERMINAL ROWS	3 rows, 2 rows, 3 rows	
CPA (Connector Position Assurance)	with CPA	
TPA (Terminal Position Assurance/Secondary Lock)	with TPA	
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)	
CONTACT CARRIER MATERIAL	PA6 GB30	
WEIGHT OF CONNECTOR (Delivery Condition)	50.16 g	29.32 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) TE Connectivity MCP 2.8: C-1355036 (drawing) TE Connectivity MCP 6.3/4.8: C-1241438 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Ø 5.18 mm connector cavity Ø 8.48 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	n/a

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	200 pcs
PACKAGING WEIGHT	10.6 kg
PACKAGING TYPE	items packed

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	Product Name
806-554-...[3]	A	black	-	46way SealStar Hybrid F Connector
806-555-...[3]	A	black	-	Protective Cap

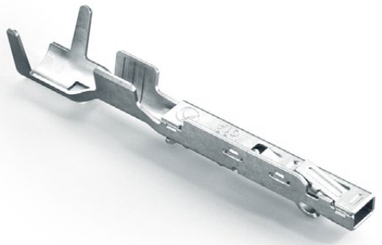
[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

F & M Terminals

Hirschmann Automotive offers a portfolio of terminals that deliver high electrical performance and mechanical robustness across a wide range of automotive applications.

1.2 Terminal HMK F

PRODUCT NO.	709-125-...
TYPE OF PRODUCT	female terminal (F)
PRODUCT SPECIFICATION	EPS-100062
PROCESS SPECIFICATION	EVS-100062



TECHNICAL PRODUCT INFORMATION

CONTACT SIZE	1.2 mm
SEALING OPTIONS	wire sealed with SWS
TYPE OF TERMINAL (Primary Lock)	Locking Lance (LL)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
CONNECTION METHOD TO WIRE AND CABLE	crimp
TYPICAL CURRENT RATING	15.5 A at 80° C (1.00 mm²)
CONTACT MATING FORCE	max. 4 N
CONTACT MATING CYCLES	50 cycles
TERMINAL CONSTRUCTION	two-piece
WEIGHT OF TERMINAL (Delivery Condition)	0.2 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-026-.../ 806-881-.../806-880-.../ 805-995-.../ 806-524-...
COMPATIBLE TERMINAL SYSTEM	TE Connectivity 1.2 x 0.6: C-114-94201 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	SWS is given on the corresponding terminal drawing

No distribution via Hirschmann Automotive.
Please contact supplier directly.

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	T= -40° C to 150° C (Ag)

PACKAGING FEATURES

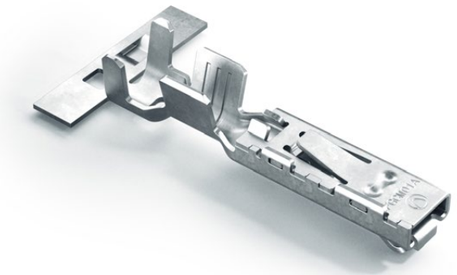
PACKAGING SIZE	670 x 670 x 260 mm
PACKAGING QUANTITY	8,000 pcs
PACKAGING WEIGHT	2.1 kg
PACKAGING TYPE	spool

ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	DGV WIRE SIZE RANGE	PRODUCT INFORMATION
709-125-501	0.75-1.00 mm²	**Plating:** Surface AG2-4
709-125-502	0.50 mm²	**Minimum Order Quantity:** 8,000 pcs
709-125-503	0.22-0.35 mm²	

2.8 Terminal HMK F

PRODUCT NO.	709-939-...
TYPE OF PRODUCT	female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100099



TECHNICAL PRODUCT INFORMATION

CONTACT SIZE	2.8 mm
SEALING OPTIONS	wire sealed with SWS
TYPE OF TERMINAL (Primary Lock)	Locking Lance (LL)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
CONNECTION METHOD TO WIRE AND CABLE	crimp
TYPICAL CURRENT RATING	24.0 A at 80° C (2.5 mm²)
CONTACT MATING FORCE	n/a
CONTACT MATING CYCLES	50 cycles
TERMINAL CONSTRUCTION	two-piece
WEIGHT OF TERMINAL (Delivery Condition)	0.65 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 807-827-.../ 807-828-...
COMPATIBLE TERMINAL SYSTEM	Terminal: Kostal & MCON male
CAVITY PLUG DIAMETER (ELA & ELB)	SWS is given on the corresponding terminal drawing

No distribution via Hirschmann Automotive.
Please contact supplier directly.

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	T= -40° C to 150° C (Ag)

PACKAGING FEATURES

PACKAGING SIZE	670 x 670 x 260 mm
PACKAGING QUANTITY	4,500 pcs
PACKAGING WEIGHT	3.4 kg
PACKAGING TYPE	spool

ORDER/PRODUCT NO.

ORDER/PRODUCT NO.	DGV WIRE SIZE RANGE	PRODUCT INFORMATION
709-939-504	0.50 mm²	
709-939-503	0.75-1.00 mm²	**Plating:** Surface AG
709-939-502	1.50 mm²	**Minimum Order Quantity:** 4,500 pcs
709-939-501	2.50 mm²	

4.0 Terminal HCT4 F

PRODUCT NO.	709-427-…
TYPE OF PRODUCT	female terminal (F)
PRODUCT SPECIFICATION	EPS-100068
PROCESS SPECIFICATION	EVS-100068



TECHNICAL PRODUCT INFORMATION

CONTACT SIZE	Ø 4 mm
SEALING OPTIONS	wire sealed with radial seal
TYPE OF TERMINAL (Primary Lock)	Locking Lance (LL)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
CONNECTION METHOD TO WIRE AND CABLE	crimp
TYPICAL CURRENT RATING	63.0 A at 80° C (6.0 mm²)
CONTACT MATING FORCE	max. 20 N
CONTACT MATING CYCLES	50 cycles
TERMINAL CONSTRUCTION	two-piece
WEIGHT OF TERMINAL (Delivery Condition)	1.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive: HCT4 M Terminal
CAVITY PLUG DIAMETER (ELA & ELB)	not needed

No distribution via Hirschmann Automotive.
Please contact supplier directly.

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	T= -40° C to 150° C (Ag)

PACKAGING FEATURES

PACKAGING SIZE	n/a
PACKAGING QUANTITY	2,600 pcs
PACKAGING WEIGHT	7.2 kg
PACKAGING TYPE	spool

4.0 Terminal HCT4 M

PRODUCT NO.	709-426-…
TYPE OF PRODUCT	male terminal (M)
PRODUCT SPECIFICATION	EPS-100068
PROCESS SPECIFICATION	EVS-100068

TECHNICAL PRODUCT INFORMATION

CONTACT SIZE	Ø 4 mm
SEALING OPTIONS	wire sealed with radial seal
TYPE OF TERMINAL (Primary Lock)	n/a
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
CONNECTION METHOD TO WIRE AND CABLE	crimp
TYPICAL CURRENT RATING	63.0 A at 80° C (6.0 mm²)
CONTACT MATING FORCE	max. 20 N
CONTACT MATING CYCLES	50 cycles
TERMINAL CONSTRUCTION	one-piece
WEIGHT OF TERMINAL (Delivery Condition)	1.9 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	
COMPATIBLE TERMINAL SYSTEM	Hirschmann Automotive: HCT4 F Terminal
CAVITY PLUG DIAMETER (ELA & ELB)	

No distribution via Hirschmann Automotive.
Please contact supplier directly.

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	T= -40° C to 150° C (Ag)

PinHeader

Introduction

The PinHeaders have a variety of positive features. They withstand extreme conditions. The development of our SealStar PinHeader has laid the foundation for a compact, robust and watertight generation of PinHeaders, without compromising on performance.

The PinHeaders were designed in collaboration with renowned OEMs and their system manufacturers.

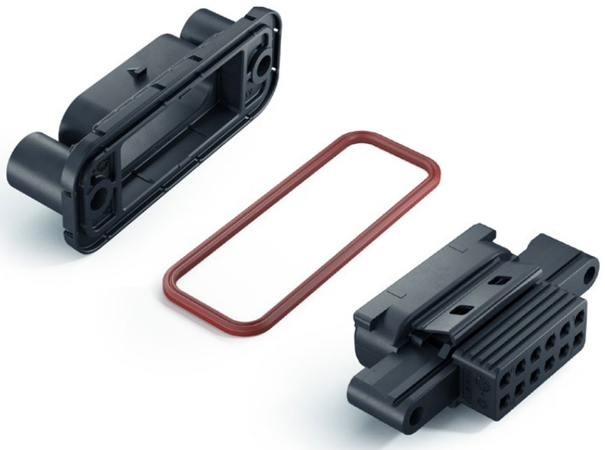


















PinHeader

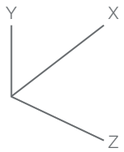
Characteristics

- watertight according to IPx8/IPx9K
- standard interface interchangeable with multiple female housing suppliers
- various variants available:
  - with Pressfit, Terminals, or soldering tips
  - with Flange screw connection form inside or/and outside

3way 1.2 PinHeader

PRODUCT NO.	955-067-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 47.2 mm
Y = 18.8 mm
Z = 55.2 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	3way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	8.9 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-121-... / 872-859-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	IP-Code: IPx8 / IPx9K USCAR2: T3/S2 v S3 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-975-...00

PACKAGING FEATURES

PACKAGING SIZE	400 x 300 x 148 mm
PACKAGING QUANTITY	108 pcs
PACKAGING WEIGHT	3.0 kg
PACKAGING TYPE	blister trays

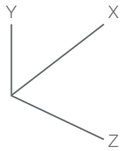
ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
955-067-001	A	black	-

5way 1.2 PinHeader

PRODUCT NO.	955-055-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 47.0 mm
Y = n/a
Z = 35.25 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	5way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	11.9 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-123-... / 872-860-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG4 USCAR2: T3/S2 v S3 IP-Code: IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-975-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	240 pcs
PACKAGING WEIGHT	3.5 kg
PACKAGING TYPE	blister trays

ORDER/PRODUCT NO.

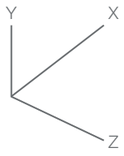
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
955-055-001	A	black	-

[1] Tested with the temperature collective from LV124

8way 1.2 PinHeader 90

PRODUCT NO.	955-004-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 32.0 mm
Y = 26.0 mm
Z = 28.8 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	7.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: T3/S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	400 x 300 x 200 mm
PACKAGING QUANTITY	240 pcs
PACKAGING WEIGHT	2.1 kg
PACKAGING TYPE	blister trays

ORDER/PRODUCT NO.

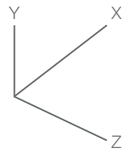
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
955-004-001	A	black	o-ring
955-004-002	A	black	lipseal

[1] Tested with the temperature collective from LV124

8way 1.2 PinHeader 180

PRODUCT NO.	955-007-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 32.0 mm
Y = 26.0 mm
Z = 30.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	7.1 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: T3/S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	400 x 300 x 200 mm
PACKAGING QUANTITY	240 pcs
PACKAGING WEIGHT	2.0 kg
PACKAGING TYPE	blister trays

ORDER/PRODUCT NO.

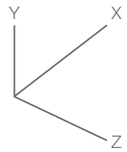
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
955-007-001	A	black	o-ring
955-007-003	A	black	lipseal

[1] Tested with the temperature collective from LV124

8way 1.2 PinHeader 180

PRODUCT NO.	955-070-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 32.6 mm
Y = 26.5 mm
Z = 37.4 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	8.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: T3/S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	400 x 300 x 200 mm
PACKAGING QUANTITY	120 pcs
PACKAGING WEIGHT	3.7 kg
PACKAGING TYPE	blister trays

ORDER/PRODUCT NO.

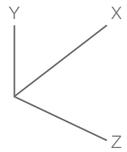
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
955-070-...[3]	A	black	-

[1] Tested with the temperature collective from LV124
[3] On request: OEM restricted; samples available

8way 1.2 PinHeader 90

PRODUCT NO.	955-048-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 32.6 mm
Y = 26.5 mm
Z = 38.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	8.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: T3/S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	400 x 300 x 200 mm
PACKAGING QUANTITY	120 pcs
PACKAGING WEIGHT	3.7 kg
PACKAGING TYPE	blister trays

ORDER/PRODUCT NO.

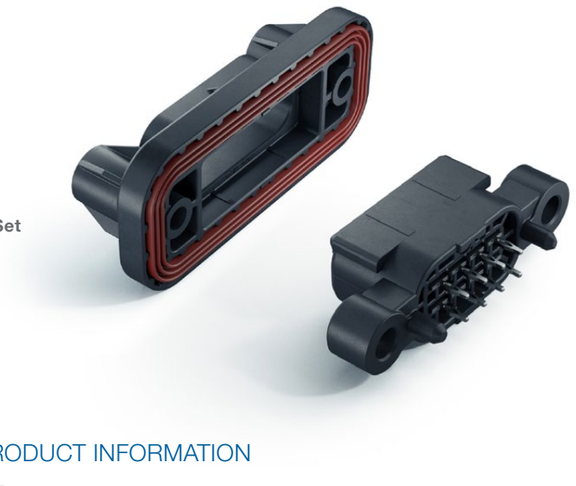
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
955-048-...[3]	A	black	-

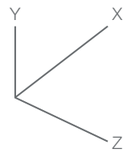
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

8way 1.2 PinHeader + Flange Seal Set

PRODUCT NO.	807-520-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

8way Flange Seal Set
X = 55.2 mm
Y = 28.5 mm
Z = 15.8 mm





8way 1.2 PinHeader
X = 45.6 mm
Y = 14.2 mm
Z = 21.4 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	10.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	400 x 300 x 200 mm
PACKAGING QUANTITY	300 pcs
PACKAGING WEIGHT	4.2 kg
PACKAGING TYPE	blister trays

8way 1.2 Flange Seal Set

PRODUCT NO.	807-521-...
WEIGHT OF CONNECTOR (Delivery Condition)	19.6 g
PACKAGING SIZE	400 x 300 x 200 mm
PACKAGING QUANTITY	168 pcs
PACKAGING WEIGHT	4.5 kg
PACKAGING TYPE	blister trays

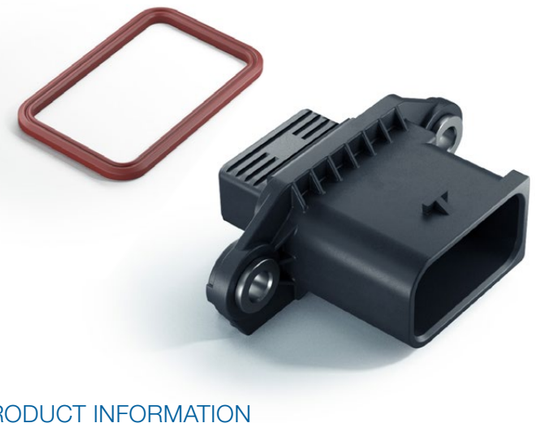
ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
807-520-511	A	black	-	8way 1.2 PinHeader
807-521-511	-	black	-	8way 1.2 Flange Seal Set

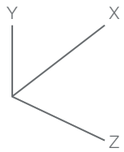
[1] Tested with the temperature collective from LV124

10way 1.2 PinHeader + Seal

PRODUCT NO.	807-581-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



10way Axial Seal
X = 33.3 mm
Y = 2.0 mm
Z = 21.4 mm



10way 1.2 PinHeader
X = 56.8 mm
Y = 23.1 mm
Z = 39.9 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 807-602-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-170-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	6.7 kg
PACKAGING TYPE	bulk material

10way Axial Seal

PRODUCT NO.	709-745-...
WEIGHT OF CONNECTOR (Delivery Condition)	0.6 g
PACKAGING SIZE	590 x 380 x 160 mm
PACKAGING QUANTITY	10,000 pcs
PACKAGING WEIGHT	6.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

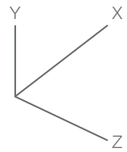
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
807-581-...[3]	A	black	-	10way 1.2 PinHeader
709-745-...[3]	-	-	-	10way Axial Seal

[1] Tested with the temperature collective from LV124
[3] On request: OEM restricted; samples available

10way 1.2 PinHeader

PRODUCT NO.	813-107-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





10way 1.2 PinHeader
X = 56.0 mm
Y = 24.0 mm
Z = 39.9 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see matching part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 807-602-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-170-…00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	6.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
813-107-...[3]	A	black	with assembled seal	10way 1.2 PinHeader

[1] Tested with the temperature collective from LV124
[3] On request: OEM restricted; samples available

12way 1.2 PinHeader + Flange Seal Set

PRODUCT NO.	810-076-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

12way 1.2 Flange Seal Set
X = 64.9 mm
Y = 28.5 mm
Z = 19.1 mm



12way 1.2 PinHeader
X = 55.6 mm
Y = 14.2 mm
Z = 22.6 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	7.4 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-344-... / 807-479-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	390 x 290 x 184 mm
PACKAGING QUANTITY	288 pcs
PACKAGING WEIGHT	3.6 kg
PACKAGING TYPE	blister trays

12way 1.2 Flange Seal Set

PRODUCT NO.	807-662-...
WEIGHT OF CONNECTOR (Delivery Condition)	n/a
PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	504 pcs
PACKAGING WEIGHT	5.8 kg
PACKAGING TYPE	blister trays

ORDER/PRODUCT NO.

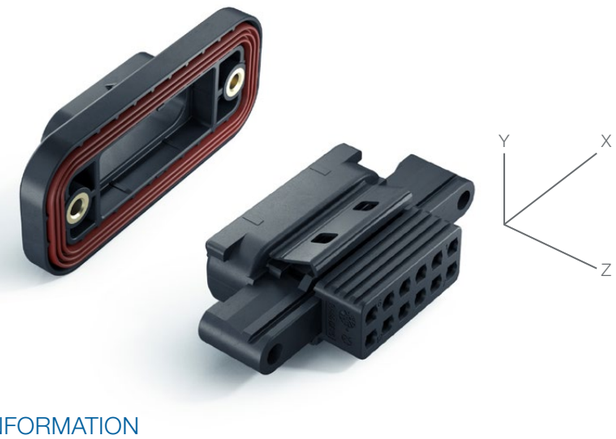
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
810-076-501	A	black	-	12way 1.2 PinHeader
810-076-502	B	black	-	12way 1.2 PinHeader
807-662-501	-	black	flange screw connection from outside	12way 1.2 Flange Seal Set

[1] Tested with the temperature collective from LV124

12way 1.2 PinHeader + Flange Seal Set

PRODUCT NO.	707-099-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

12way 1.2 Flange Seal Set
X = 54.1 mm
Y = 14.2 mm
Z = 28.0 mm



12way 1.2 PinHeader
X = 64.9 mm
Y = 28.5 mm
Z = 15.6 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	7.7 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-344-... / 807-479-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1] USCAR2: V3/S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-183-...

PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 250 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	16.2 kg
PACKAGING TYPE	bulk material

12way 1.2 Flange Seal Set

PRODUCT NO.	809-495-...
WEIGHT OF CONNECTOR (Delivery Condition)	11.3 g
PACKAGING SIZE	585 x 385 x 250 mm
PACKAGING QUANTITY	960 pcs
PACKAGING WEIGHT	11.7 kg
PACKAGING TYPE	blister trays

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
707-099-501	A	black	-	12way 1.2 PinHeader
809-495-503	-	black	flange screw connection from inside	12way 1.2 Flange Seal Set

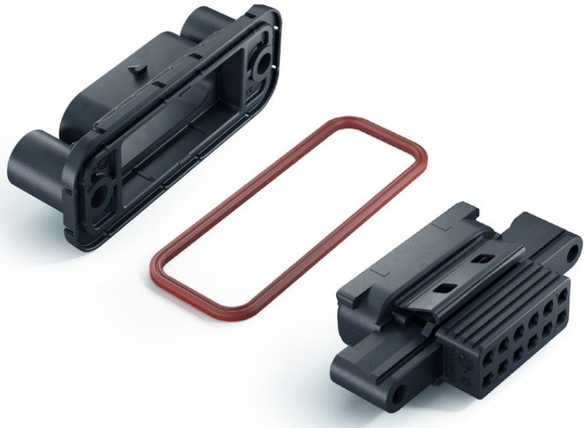
[1] Tested with the temperature collective from LV124

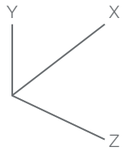
12way 1.2 PinHeader + Flange + Seal

PRODUCT NO.	705-963-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

12way 1.2 Flange
X = 58.0 mm
Y = 23.1 mm
Z = 16.0 mm

12way Axial Seal
X = 56.5 mm
Y = 2.0 mm
Z = 21.6 mm





12way 1.2 PinHeader
X = 53.0 mm
Y = 14.2 mm
Z = 26.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	7.3 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-344-... / 807-479-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1] USCAR2: V3/S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	808-015-...00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-008-2-Z01

PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 250 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	15.4 kg
PACKAGING TYPE	bulk material

12way 1.2 Flange

PRODUCT NO.	705-964-...
WEIGHT OF CONNECTOR (Delivery Condition)	5.1 g
PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	5.8 kg
PACKAGING TYPE	bulk material

12way Axial Seal

PRODUCT NO.	709-319-...
WEIGHT OF CONNECTOR (Delivery Condition)	0.6 g
PACKAGING SIZE	590 x 380 x 160 mm
PACKAGING QUANTITY	10,000 pcs
PACKAGING WEIGHT	6.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
705-963-501	A	black	-	12way 1.2 PinHeader
705-963-502	B	black	-	12way 1.2 PinHeader
705-964-501	-	black	flange screw connection from outside	12way 1.2 Flange
709-319-501	-	-	-	12way Axial Seal

[1] Tested with the temperature collective from LV124

12way 1.2 PinHeader + Flange Seal Set

PRODUCT NO.	807-663-…
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

12way Flange Seal Set
X = 65.0 mm
Y = 28.5 mm
Z = 19.0 mm



12way 1.2 PinHeader
X = 55.0 mm
Y = 14.15 mm
Z = n/a

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	n/a
WEIGHT OF CONNECTOR (Delivery Condition)	17.4 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-344-… / 807-479-…
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	n/a

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-183-…

PACKAGING FEATURES

PACKAGING SIZE	400 x 200 x 210 mm
PACKAGING QUANTITY	250 pcs
PACKAGING WEIGHT	4.9 kg
PACKAGING TYPE	blister trays

12way Flange Seal Set

PRODUCT NO.	807-662-…
WEIGHT OF CONNECTOR (Delivery Condition)	10.0 g
PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	504 pcs
PACKAGING WEIGHT	5.7 kg
PACKAGING TYPE	blister trays

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
807-663-501	A	black	-	12way 1.2 PinHeader
807-662-501	-	black	flange screw connection from outside	12way Axial Seal Seal

16way 1.2 PinHeader + Flange Seal Set

PRODUCT NO.	706-696-001
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

16way Flange Seal Set
X = 72.9 mm
Y = 28.5 mm
Z = 15.6 mm



16way 1.2 PinHeader
X = 62.1 mm
Y = 14.2 mm
Z = 26.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587-... / 807-445-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal MLK 1.2: DOC00077763 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	USCAR2: T3/V3/S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-183-...

PACKAGING FEATURES

PACKAGING SIZE	n/a
PACKAGING QUANTITY	n/a
PACKAGING WEIGHT	n/a
PACKAGING TYPE	n/a

16way Flange Seal Set

PRODUCT NO.	809-496-501
WEIGHT OF CONNECTOR (Delivery Condition)	12.4 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	770 pcs
PACKAGING WEIGHT	10.3 kg
PACKAGING TYPE	blister trays

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
706-696-001	A	black	-	16way 1.2 PinHeader
809-496-501	-	black	-	16way Axial Seal Seal

16way 1.2 PinHeader + Flange Seal Set + Transport Protection Cap

PRODUCT NO.	810-485-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

16way 1.2 Protection Cap
X = 47.6 mm
Y = 18.6 mm
Z = 15.0 mm

16way 1.2 Flange Seal Set
X = 83.1 mm
Y = 30.8 mm
Z = 26.2 mm



16way 1.2 PinHeader
X = 72.0 mm
Y = 15.8 mm
Z = 26.8 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	20.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587-... / 807-445-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00077763 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG2 USCAR2: S2 v S3 IP-Code: IP68 / IP6K6K / IP6K9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-183-...

PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 250 mm
PACKAGING QUANTITY	325 pcs
PACKAGING WEIGHT	9.8 kg
PACKAGING TYPE	blister trays

16way 1.2 Flange Seal Set

PRODUCT NO.	810-486-...
WEIGHT OF CONNECTOR (Delivery Condition)	20.0 g
PACKAGING SIZE	548 x 334 x 222 mm
PACKAGING QUANTITY	210 pcs
PACKAGING WEIGHT	5.1 kg
PACKAGING TYPE	blister trays

16way 1.2 Protection Cap

PRODUCT NO.	707-106-...
WEIGHT OF CONNECTOR (Delivery Condition)	2.0 g
PACKAGING SIZE	548 x 334 x 222 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	4.9 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
810-485-...[3]	A	black	-	16way 1.2 PinHeader
810-486-...[3]	-	black	flange screw connection from outside	16way 1.2 Flange Seal Set
707-106-...[3]	-	nature	-	16way 1.2 Protective Cap

[1] Tested with the temperature collective from LV124
[3] On request: OEM restricted; samples available

16way 1.2 PinHeader + Flange + Seal

PRODUCT NO.	809-950-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

16way 1.2 Flange
X = 71.9 mm
Y = 26.9 mm
Z = 15.0 mm

16way Axial Seal
X = 69.3 mm
Y = 4.9 mm
Z = 24.3 mm



16way 1.2 PinHeader
X = 62.5 mm
Y = 14.15 mm
Z = 28.9 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	10.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587-... / 807-445-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK4[1]/SG2 USCAR2: S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-183-...

PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 150 mm
PACKAGING QUANTITY	588 pcs
PACKAGING WEIGHT	9.1 kg
PACKAGING TYPE	blister trays

16way 1.2 Flange

PRODUCT NO.	706-358-...
WEIGHT OF CONNECTOR (Delivery Condition)	7.4 g
PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	8.1 kg
PACKAGING TYPE	bulk material

16way Axial Seal

PRODUCT NO.	709-776-...
WEIGHT OF CONNECTOR (Delivery Condition)	2.3 g
PACKAGING SIZE	387 x 282 x 290 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	6.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
809-950-501	A	black	90 pressfit	16way 1.2 PinHeader
706-358-501	-	black	flange screw connection from inside	16way 1.2 Flange
706-358-511	-	black	flange screw connection from inside / flange closed	16way Flange
709-776-501	-	tomato red	-	16way Axial Seal

[1] Tested with the temperature collective from LV124

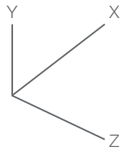
16way 1.2 PinHeader + Flange + Seal

PRODUCT NO.	807-536-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

16way 1.2 Flange
X = 71.9 mm
Y = 26.9 mm
Z = 15.0 mm

16way Axial Seal
X = 69.2 mm
Y = 4.9 mm
Z = 24.3 mm





16way 1.2 PinHeader
X = 64.0 mm
Y = 14.15 mm
Z = 20.4 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.1 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587-... / 807-445-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-183-...

PACKAGING FEATURES

PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	784 pcs
PACKAGING WEIGHT	8.9 kg
PACKAGING TYPE	blister trays

16way 1.2 Flange

PRODUCT NO.	706-358-...
WEIGHT OF CONNECTOR (Delivery Condition)	7.4 g
PACKAGING SIZE	585 x 385 x 180 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	8.1 kg
PACKAGING TYPE	bulk material

16way Axial Seal

PRODUCT NO.	709-776-...
WEIGHT OF CONNECTOR (Delivery Condition)	2.3 g
PACKAGING SIZE	387 x 282 x 290 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	6.7 kg
PACKAGING TYPE	bulk material

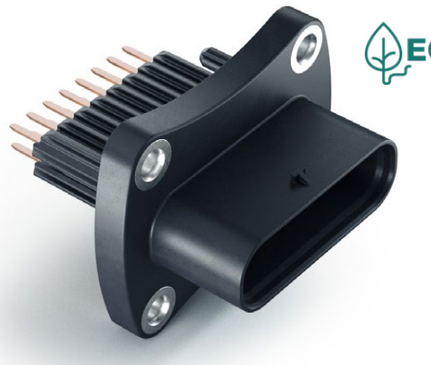
ORDER/PRODUCT NO.

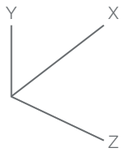
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
807-536-501	A	black	180 pressfit	16way 1.2 PinHeader
706-358-501	-	black	flange screw connection from inside	16way 1.2 Flange
706-358-511	-	black	flange screw connection from inside / flange closed	16way 1.2 Flange
709-776-501	-	tomato red	-	16way Axial Seal

[1] Tested with the temperature collective from LV124

16way 1.2 PinHeader

PRODUCT NO.	909-063-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





16way 1.2 PinHeader
X = 53.3 mm
Y = 40.5 mm
Z = 54.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587-... / 807-445-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG2 USCAR2: S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: V0

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-183-...

PACKAGING FEATURES

PACKAGING SIZE	n/a
PACKAGING QUANTITY	n/a
PACKAGING WEIGHT	n/a
PACKAGING TYPE	n/a

ORDER/PRODUCT NO.

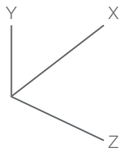
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
909-063-001	A	black	-

[1] Tested with the temperature collective from LV124

24way 1.2 PinHeader

PRODUCT NO.	810-528-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





16way 1.2 PinHeader
X = 104.0 mm
Y = 22.8 mm
Z = 33.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	16+8 way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector 16way: 805-587-... / 807-445-... Connector 8way: 805-031-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1] USCAR2: S2 v S3 IP-Code: IPx8 / IPx9K Flame Resistance: V0

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-015-...00

PACKAGING FEATURES

PACKAGING SIZE	n/a
PACKAGING QUANTITY	n/a
PACKAGING WEIGHT	n/a
PACKAGING TYPE	n/a

ORDER/PRODUCT NO.

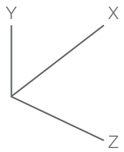
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-528-...[3]	-	black	-

[1] Tested with the temperature collective from LV124
[3] On request: OEM restricted; samples available

24way 1.2 PinHeader

PRODUCT NO.	806-732-...
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 71.0 mm
Y = 62.0 mm
Z = 27.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	24way
CENTERLINE OF TERMINALS (Pitch)	3.5 x 8.1 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA6 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	55.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-551-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: $T_{max\ (120°\ C)}$ = 1,000 h/SG3 USCAR2: S2 v S3 IP-Code: IP67/IPx8/IPx6K/IPx9K Flame Resistance: V0

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-052-...

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	192 pcs
PACKAGING WEIGHT	11.3 kg
PACKAGING TYPE	material arranged in layers

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-732-....[3]		black	-

[3] On request: OEM restricted; samples available

Service Disconnect

Introduction

The SealStar Service Disconnect connector impresses with its function, compact design, and robustness.

With an innovative mechanism, this connector enables effortless disconnection in case of maintenance and thus prevents unintentional activations.





Service Disconnect

Characteristics

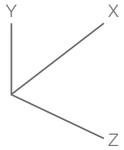
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features

- compliant with test specification LV214
- single-wire sealing and robust radial sealing
- CPA (Connector Position Assurance)
- convenient and secure connection with audible feedback of detent function
- with EU-Clip available
- male contact pin with Ag surface coating

4way 1.2 Service Disconnect F

PRODUCT NO.	806-820-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100054-00
PROCESS SPECIFICATION	EVS-100054-00





X = 34.7 mm
Y = 27.5 mm
Z = 31.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	9.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-821-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Kostal MLK 1.2-Sm: DOC00079128 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 3.55 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-147-...00 (n/a)

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	9.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-820-541	A	turquoise green	clip small (1 clip)

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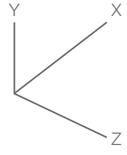
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 1.2 Service Disconnect M

PRODUCT NO.	806-821-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100054-00
PROCESS SPECIFICATION	EVS-100054-00





X = n/a
Y = 23.0 mm
Z = 31.8 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm
WIRE SIZE RANGE	max. 1.0 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-820-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (due to design)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1]/SG3 USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-147-...00 (n/a)

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 140 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	7.3 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-821-541	A	black	-

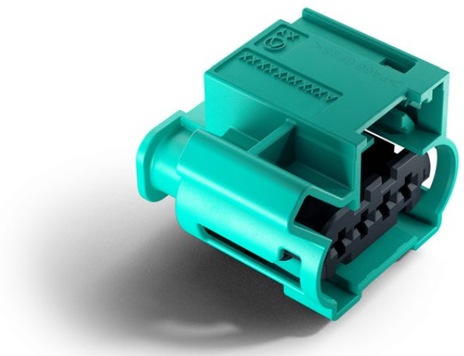
Downloads

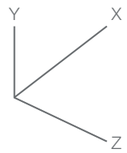
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 2.8 Service Disconnect F

PRODUCT NO.	809-322-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100104
PROCESS SPECIFICATION	EVS-100104





X = 38.3 mm
Y = 30.5 mm
Z = 34.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	14.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-321-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355036 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1] USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-209-...00 (n/a)

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	500 pcs
PACKAGING WEIGHT	7.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-322-511	A	turquoise green	clip small (1 clip)

Downloads

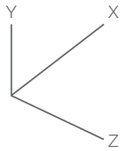
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

4way 2.8 Service Disconnect M

PRODUCT NO.	809-321-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100104
PROCESS SPECIFICATION	EVS-100104





X = n/a
Y = 26.4 mm
Z = 31.8 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	5.0 mm
WIRE SIZE RANGE	max. 2.50 mm²
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	with CPA
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	10.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-322-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (due to design)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1] USCAR2: S2 IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-209-...00 (n/a)

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	10.8 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-321-511	A	black	-

Downloads

- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended

Accessories

Introduction

External influences such as dust, dirt, or water can harm connectors. Hence, we developed caps that protect and stabilize them. The Protective Caps are designed ergonomically and close completely, saving valuable installation space. The simple and secure catch with film hinges ensures a robust and torque-proof position at the housing.

Our Protective Caps are available for different pole numbers and cable outlets. They can be used for our connectors SealStar 0.63, 1.2, and 2.8, as well as 1.2 SealStar HMK.



Protective Caps

Characteristics

- one-piece-design with film hinge
- the same dress covers is compatible with multiple connectors Systems (0.63, 1.2 & 2.8)
- suitable for high pressure and steam cleaning according to IPx9K
- temperature resistance: -40° C to +140° C (objective: up to +150° C)
- ergonomically shaped Protective Caps for optimal installation
- intuitive assembling

PRODUCT VARIANTS



PRODUCT NO.	707-130-501
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	180°
NORMINAL SIZE OUTLET	NW 4.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	2.0 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	5.8 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
2way | 810-650-...[2]	2way | 805-120-... 2way | 872-857-... 2way | 806-026-...	-	-



PRODUCT NO.	707-132-501
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	180°
NORMINAL SIZE OUTLET	NW 4.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	2.2 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	6.3 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	3way | 805-121-... 3way | 872-858-... 3way | 872-597-... 3way | 806-881-...	2way | 807-872-... 2way | 805-198-...	-



PRODUCT NO.	707-131-501
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	90°
NORMINAL SIZE OUTLET	NW 4.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	2.0 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	3,500 pcs
PACKAGING WEIGHT	8.0 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
2way | 810-650-...[2]	2way | 805-120-... 2way | 872-857-... 2way | 806-026-...	-	-



PRODUCT NO.	707-133-501
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	90°
NORMINAL SIZE OUTLET	NW 4.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	2.3 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	6.6 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	3way | 805-121-... 3way | 872-858-... 3way | 872-597-... 3way | 806-881-...	2way | 807-872-... 2way | 805-198-...	-



PRODUCT NO.	707-134-501
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	180°
NORMINAL SIZE OUTLET	NW 4.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	2.5 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	7.0 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	4way | 805-122-... 4way | 872-859-... 4way | 806-880-...	3way | 807-873-... 3way | 805-199-...	-



PRODUCT NO.	707-135-501
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	90°
NORMINAL SIZE OUTLET	NW 4.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	2.8 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	7.8 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	4way | 805-122-... 4way | 872-859-... 4way | 806-880-...	3way | 807-873-... 3way | 805-199-...	-



PRODUCT NO.	707-906-...[3]
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	180°
NORMINAL SIZE OUTLET	NW 4.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	3.3 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	9.0 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	4way | 805-122-... 4way | 872-859-... 4way | 806-880-...	3way | 807-873-... 3way | 805-199-...	-



PRODUCT NO.	707-136-501
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	180°
NORMINAL SIZE OUTLET	NW 4.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	2.7 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	7.5 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	5way | 805-123-... 5way | 872-860-... 5way | 805-992-...	4way | 807-874-... 4way | 805-200-...	-

[3] On request: OEM restricted; samples available



PRODUCT NO.	707-137-501
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	90°
NORMINAL SIZE OUTLET	NW 4.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	3.1 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	8.7 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	5way | 805-123-... 5way | 872-860-... 5way | 805-992-...	4way | 807-874-... 4way | 805-200-...	-



PRODUCT NO.	707-138-501
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	90°
NORMINAL SIZE OUTLET	NW 7.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	2.8 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	9.4 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	5way | 805-123-... 5way | 872-860-... 5way | 805-992-...	4way | 807-874-... 4way | 805-200-...	-



PRODUCT NO.	707-139-...[3]
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	180°
NORMINAL SIZE OUTLET	NW 7.5
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	3.0 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	8.3 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	5way | 805-123-... 5way | 872-860-... 5way | 805-992-...	4way | 807-874-... 4way | 805-200-...	-



PRODUCT NO.	755-037-...[3]
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	180° T-Shape
NORMINAL SIZE OUTLET	
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	5.8 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	8.3 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	8way | 805-031-...	-	-

[3] On request: OEM restricted; samples available



PRODUCT NO.	707-695-501 707-695-502
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	180°
NORMINAL SIZE OUTLET	NW 13/18
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	9.6 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	560 pcs
PACKAGING WEIGHT	6.2 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	-	-	SealStar Hybrid 812-400-... 812-401-...



PRODUCT NO.	714-338-501
TYPE OF PRODUCT	Protective Cap
EXIT ANGLE	150°, angled
NORMINAL SIZE OUTLET	NW 13/18
WIRE EXIT OF CAP	corrugated tube
PRODUCT COLOR	black
TEMPERATURE RANGE OF PRODUCT	see mating connector
PRODUCT MATERIAL	PA 6-I
WEIGHT OF CONNECTOR (Delivery Condition)	7.6 g
PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	560 pcs
PACKAGING WEIGHT	5.8 kg
PACKAGING TYPE	bulk material

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS

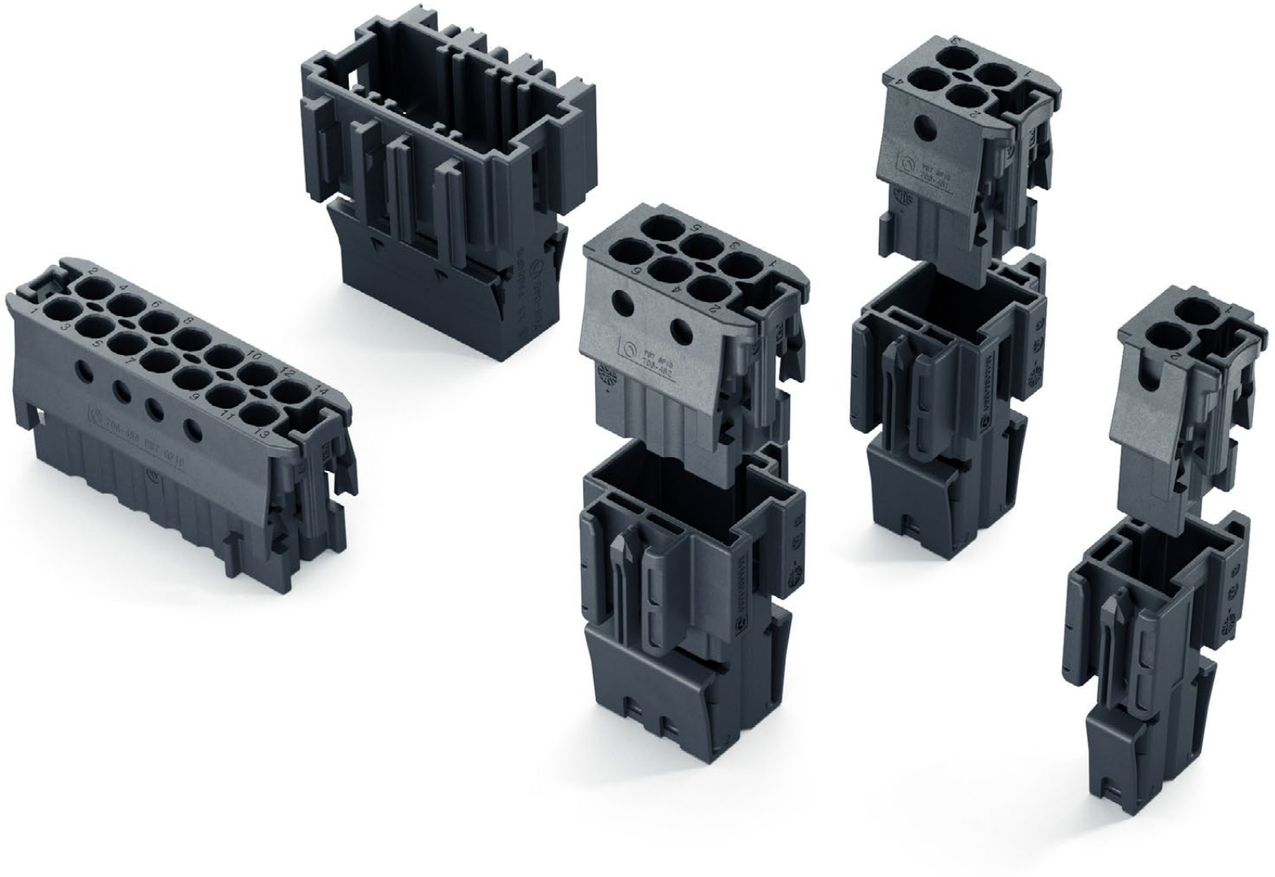
0.63 SealStar [1]	1.2 SealStar [1]	2.8 SealStar [1]	Others [1]
-	-	-	SealStar Hybrid 812-400-... 812-401-...

[3] On request: OEM restricted; samples available

EasyConn Connectors

Introduction

The EasyConn housing family has a particularly compact design and is available with different pole numbers – in male and female versions. The connector housings are characterized by their compact design, the various color and mechanical coding options as well as the comfortable and secure latching function. The design layout is compliant with VDA AK guidelines. High levels of thermal stress do not pose a problem for the EasyConn family.



1.2 EasyConn Connector

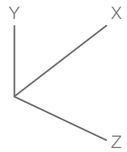
Characteristics

- compliant with test specification LV214
- primary and secondary locking
- one-piece-design

10way 1.2 EasyConn M

PRODUCT NO.	707-173-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100134 (n/a)





X = 38.5 mm
Y = 16.9 mm
Z = 38.0 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	2.54 mm x 3.0 mm, 4.54 mm x 3.0 mm
WIRE SIZE RANGE	max. 0.75 mm^2
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	8.9 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 2x2way 705-853-... Connector: 6way 705-852-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 LL: C-1418754 (drawing) Kostal MLK 1.2: DOC00061540 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	USCAR2: T3/V2/S1 IP-Code: IPx0 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	n/a

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	9.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
707-173-...[3]	B	black	-

[3] On request: OEM restricted; samples available



2.8 EasyConn Connector

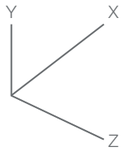
Characteristics

- compliant with test specification LV214
- convenient and secure connection with audible feedback of detent function
- with EU-Clip available
- compatible for 2.8 MCP, CTS and MAK contact systems
- primary and secondary locking
- one-piece-design

2way 2.8 EasyConn F

PRODUCT NO.	706-450-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00





X = 14.5 mm
Y = 14.2 mm
Z = 26.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm^2
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	2.4 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-650-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355036 (drawing) Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-5 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1]/SG1 USCAR2: S1 IP-Code: IPx0 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-929-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	5,000 pcs
PACKAGING WEIGHT	12.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-450-511	A	black	-
706-450-512	B	nature	-
706-450-513	C	light blue	-
706-450-514	D	claret violet	-
706-450-515	E	may green	-

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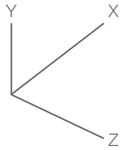
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124

4way 2.8 EasyConn F

PRODUCT NO.	706-451-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00





X = 20.2 mm
Y = 14.5 mm
Z = 26.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm^2
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	3.7 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-651-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355036 (drawing) Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-5 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1]/SG1 USCAR2: S1 IP-Code: IPx0 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-930-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	3,500 pcs
PACKAGING WEIGHT	13.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-451-511	A	black	-
706-451-512	B	nature	-
706-451-513	C	light blue	-
706-451-514	D	claret violet	-
706-451-515	E	may green	-

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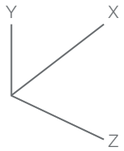
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124

6way 2.8 EasyConn F

PRODUCT NO.	706-452-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00





X = 26.2 mm
Y = 14.5 mm
Z = 26.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm^2
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	5.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-652-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355036 (drawing) Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-5 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1]/SG1 USCAR2: S1 IP-Code: IPx0 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-931-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	13.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-452-511	A	black	-
706-452-512	B	nature	-
706-452-513	C	light blue	-
706-452-514	D	claret violet	-

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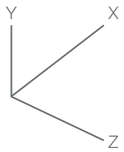
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124

14way 2.8 EasyConn F

PRODUCT NO.	706-456-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100095 (n/a)





X = 53.2 mm
Y = 14.5 mm
Z = 26.3 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	14way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm^2
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 772-738-…
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355036 (drawing) Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-5 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1]/SG1 USCAR2: S1 IP-Code: IPx0 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-932-…00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-456-...[3]	A	black	-
706-456-...[3]	B	nature	-

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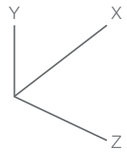
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- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124
[3] On request: OEM restricted; samples available

2way 2.8 EasyConn M

PRODUCT NO.	706-650-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00





X = 14.4 mm
Y = 23.6 mm
Z = 37.4 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	2way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm^2
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	4.1 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-450-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355052 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1]/SG1 USCAR2: S1 IP-Code: IPx0 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-929-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	3,000 pcs
PACKAGING WEIGHT	13.0 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-650-511	A	black	clip small (1 clip)
706-650-512	B	nature	clip small (1 clip)
706-650-513	C	light blue	clip small (1 clip)
706-650-514	E	may green	clip small (1 clip)

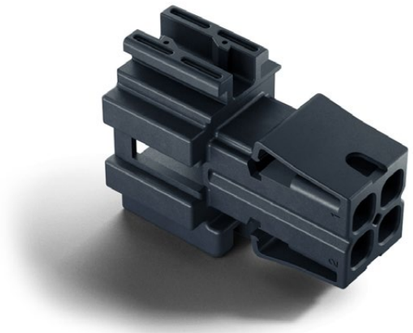
Downloads

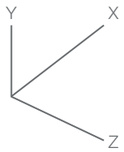
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124

4way 2.8 EasyConn M

PRODUCT NO.	706-651-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00





X = 17.8 mm
Y = 28.1 mm
Z = 37.4 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	4way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm^2
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	5.34 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-451-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355052 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1]/SG1 USCAR2: S1 IP-Code: IPx0 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-930-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	2,500 pcs
PACKAGING WEIGHT	14.2 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-651-511	A	black	clip small (1 clip)
706-651-512	B	nature	clip small (1 clip)
706-651-513	C	light blue	clip small (1 clip)
706-651-514	D	claret violet	clip small (1 clip)
706-651-515	E	may green	clip small (1 clip)

Downloads

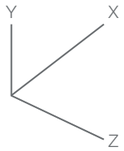
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124

6way 2.8 EasyConn M

PRODUCT NO.	706-652-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100095-00
PROCESS SPECIFICATION	EVS-100095-00





X = 23.8 mm
Y = 28.1 mm
Z = 37.4 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	6way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm^2
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 75 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	7.3 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-452-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355052 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1]/SG1 USCAR2: S1 IP-Code: IPx0 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	872-931-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	11.7 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-652-511	A	black	clip small (1 clip)
706-652-512	B	nature	clip small (1 clip)
706-652-513	C	light blue	clip small (1 clip)
706-652-516	B	nature	clip small (1 clip)

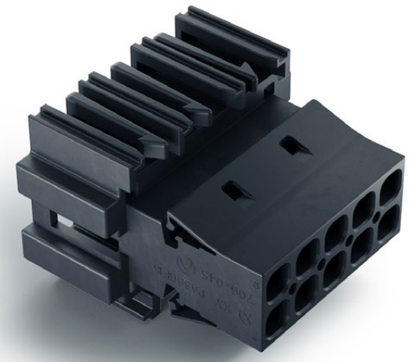
Downloads

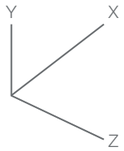
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124

10way 2.8 EasyConn M

PRODUCT NO.	706-045-...
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100053-00
PROCESS SPECIFICATION	EVS-100049-00





X = 38.7 mm
Y = 28.1 mm
Z = 37.4 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	2.8 mm
NUMBER OF PINS	10way
CENTERLINE OF TERMINALS (Pitch)	6.0 mm
WIRE SIZE RANGE	max. 4.0 mm^2
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 80 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA latch
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	PBT GF10
WEIGHT OF CONNECTOR (Delivery Condition)	12.6 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 705-489…
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCP 2.8: C-1355052 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1]/SG1 USCAR2: S1 IP-Code: IPx0 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-040-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	13.4 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
706-045-514	D	claret violet	clip small (1 clip)
706-045-515	E	may green	clip small (1 clip)

Downloads

- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

[1] Tested with the temperature collective from LV124



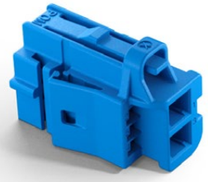
EasyConn Hybrid Connector

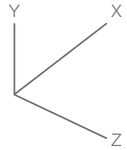
Characteristics

- compliant with test specification LV214
- convenient and secure connection with audible feedback of detent function
- one-piece-design
- additional characteristics are product-specific, check the individual connector description or contact our Product Management

5way EasyConn Hybrid F Connector

PRODUCT NO.	705-826-...
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100048 (n/a)
PROCESS SPECIFICATION	EVS-100044 (n/a)





X = 14.7 mm
Y = 19.0 mm
Z = 23.7 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	0.63 mm, 2.8 mm
NUMBER OF PINS	3+2way
CENTERLINE OF TERMINALS (Pitch)	2.675, 5.35 mm
WIRE SIZE RANGE	max. 0.75, max. 2.5 mm^2
SEALED APPLICATION	unsealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	≤ 50 N
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Locking Lance (LL)
CONTACT CARRIER MATERIAL	POM
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Aptiv MTS 0.63: 13580658 (drawing) TE Connectivity: C-929454 (drawing) TE Connectivity MCP 2.8: C-1355036 (drawing) Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-6 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK2[1]/SG1 USCAR2: S1 IP-Code: IPx0 Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-101-...

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	5,000 pcs
PACKAGING WEIGHT	13.6 kg
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
705-826-...[3]	B	nature	-
705-826-...[3]	C	light blue	-
705-826-...[3]	D	claret violet	-
705-826-...[3]	F	brown	

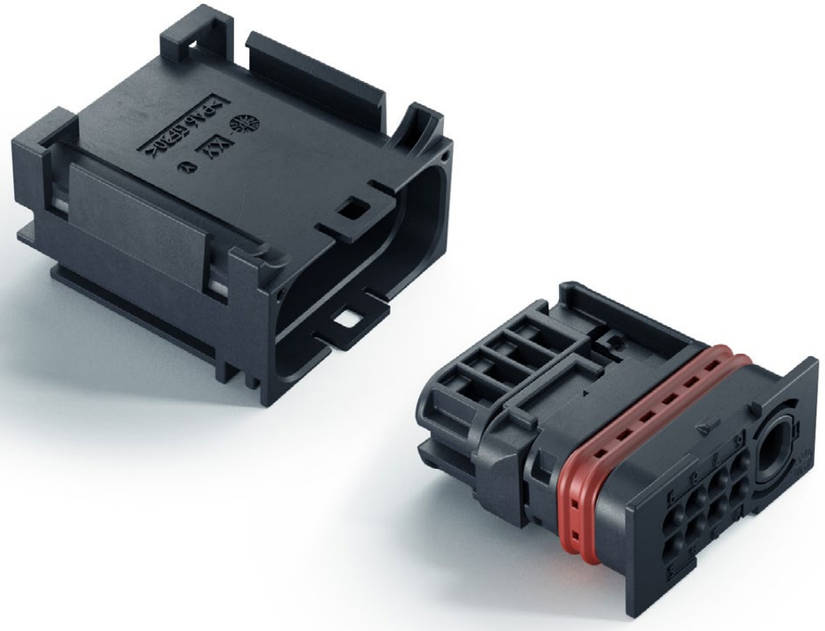
[1] Tested with the temperature collective from LV124
[3] On request: OEM restricted; samples available

Potential and Ground-Distributor

Introduction

Designed for maximum flexibility and secure connections. The housings feature either a screw-on or locking geometry, ensuring a stable fit in various applications. Our innovative potential and ground distributor is engineered for extreme conditions and maximum stability, providing reliable solutions for automotive manufacturers.

Developed in collaboration with leading OEMs and their system manufacturers, it meets the highest industry standards for maximum performance.





Potential and Mass-Distributor

Characteristics

Secure and efficient power distribution is essential – and our distributor offers both. Furthermore, they have the following positive features:

- additional characteristics are product-specific, check the individual connector description or contact our Product Management
- screw-on or locking geometry on the connector housing
- individual Installation of contacts in the potential and ground distributors possible

9way Distributor

PRODUCT NO.	807-833-...
TYPE OF PRODUCT	potential distributor
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100098



X = 29.8 mm
Y = 17.1 mm
Z = 33.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm
NUMBER OF PINS	8+1way
CENTERLINE OF TERMINALS (Pitch)	3.5 x 3.0, 5.75 mm
WIRE SIZE RANGE	max. 1.5, max. 2.5 mm^2
SEALED APPLICATION	sealed
CODING OF PRODUCT	not available
MAX. MATING AND UNMATING FORCE	not available
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	with TPA
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	Clean Body (CB)
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	6.7 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	TE Connectivity MCON 1.2 CB: C-11418464 (drawing) Kostal SLK 2.8: DOC00074173 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	Ø 5.18 mm connector cavity Single wire seal and dummy plus are given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	n/a

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	2,000 pcs
PACKAGING WEIGHT	14.2 kg
PACKAGING TYPE	-

Housing of 9way Distributor

PRODUCT NO.	807-831-...
WEIGHT OF CONNECTOR (Delivery Condition)	6.1 g
PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	1,500 pcs
PACKAGING WEIGHT	9.8 kg
PACKAGING TYPE	bulk material
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts

ORDER/PRODUCT NO.

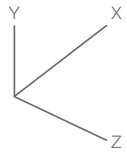
ORDER/ PRODUCT NO.	PIN SELECTION x = Pin closed									COLOR CONTACT CARRIER	PRODUCT NAME
	1	2	3	4	5	6	7	8	9		
807-833-...[3]		x	x			x	x			black	9way Distributor
807-833-...[3]		x	x	x	x	x	x			black	9way Distributor
807-833-...[3]		x	x	x	x	x			x	black	9way Distributor
807-833-...[3]		x	x	x	x					black	9way Distributor
807-833-...[3]					x	x	x			black	9way Distributor
807-833-...[3]		x	x			x			x	black	9way Distributor
807-833-...[3]			x	x	x	x	x	x		black	9way Distributor
807-833-...[3]		x	x		x	x			x	black	9way Distributor
807-833-...[3]		x	x	x	x	x	x	x		black	9way Distributor
807-833-...[3]			x	x	x	x				black	9way Distributor
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807-833-...[3]		x	x	x						black	9way Distributor
807-833-...[3]		x	x	x	x	x	x		x	black	9way Distributor
807-833-...[3]					x	x	x	x		black	9way Distributor
807-833-...[3]		x	x	x	x		x			black	9way Distributor
807-831-...[3]										black	Housing of 9way Distributor

[3] On request: OEM restricted; samples available

13way Distributor GRD

PRODUCT NO.	907-136-...
TYPE OF PRODUCT	mass distributor
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 83.6 mm
Y = 36.2 mm
Z = 24.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm, 2.8 mm, 1.2 mm
NUMBER OF PINS	3+2+8way
CENTERLINE OF TERMINALS (Pitch)	4.0 x 5.0, 2.5 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	not available
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	1 row, 2 rows, 1 row
CPA (Connector Position Assurance)	with CPA (see mating parts)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF25
WEIGHT OF CONNECTOR (Delivery Condition)	30.5 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-121-.../ 806-881-.../805-198-.../ 809-173-...
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: TK3[1] USCAR2: S2 v S3[2] IP-Code: IPx8 / IPx9K[2] Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING	872-975-…00
MATING USCAR PLUG SOCKET INTERFACE DRAWING	120-S-002-1-Z.. 808-169-…00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 210 mm
PACKAGING QUANTITY	408 pcs
PACKAGING WEIGHT	13.5 kg
PACKAGING TYPE	material arranged in layers

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	NUMBER OF PINS AVAILBALE (PIN OPEN)	CONTACT CARRIER COLOR	PRODUCT NAME
907-136-...[3]	-	black	13way Distributor

[1] Tested with the temperature collective from LV124
[2] Protective Cap recommended
[3] On request: OEM restricted; samples available

Passthrough

Introduction

This Passthrough solution is designed for demanding environments. Available in both harness and PinHeader versions, the connectors offer versatile integration options. The standard interface is interchangeable with multiple female housing suppliers, ensuring compatibility across various applications.

Its patented longitudinally tight sealing system provides exceptional protection against moisture and contaminants, making it the ideal choice for reliability in harsh conditions.





Passthrough

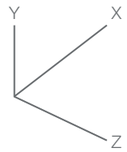
Characteristics

- passthrough with Harness or as PinHeader version available
- oiltight solutions available
- standard interface interchangeable with multiple female housing suppliers
- patented longitudinally tight sealing system

8way 1.2 Passthrough

PRODUCT NO.	955-151-…
TYPE OF PRODUCT	passthrough
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = n/a
Y = n/a mm
Z = 46.4 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	8way | 8way
CENTERLINE OF TERMINALS (Pitch)	4.0 mm | 4.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows | 2 rows
CPA (Connector Position Assurance)	without CPA
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF40
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-031-…
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-015-…00

PACKAGING FEATURES

PACKAGING SIZE	390 x 290 x 184 mm
PACKAGING QUANTITY	108 pcs
PACKAGING WEIGHT	2.2 kg
PACKAGING TYPE	blister tray

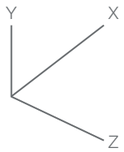
ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
855-156-001	A | A	black	-

12way 1.2 Passthrough

PRODUCT NO.	806-271-...
TYPE OF PRODUCT	passthrough
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = n/a
Y = n/a mm
Z = 48.5 mm

TECHNICAL PRODUCT INFORMATION

TERMINAL BLADE SIZE	1.2 mm
NUMBER OF PINS	12way | 6+2+2way
CENTERLINE OF TERMINALS (Pitch)	2.54 x 3.0 mm | 2.54 x 3.0 mm, 3.0 mm, 3.0 mm
WIRE SIZE RANGE	not applicable
SEALED APPLICATION	sealed
CODING OF PRODUCT	available
MAX. MATING AND UNMATING FORCE	n/a
VOLTAGE CLASS	≤ 60 V
NUMBER OF TERMINAL ROWS	2 rows | 2 rows
CPA (Connector Position Assurance)	with CPA (see mating part)
TPA (Terminal Position Assurance/Secondary Lock)	not applicable
TYPE OF COMPATIBLE TERMINAL (Primary Lock)	not applicable
CONTACT CARRIER MATERIAL	PA66 GF40
WEIGHT OF CONNECTOR (Delivery Condition)	25.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-360-/ 705-852-…/812-757-…/705-853-…
COMPATIBLE TERMINAL SYSTEM *No distribution via Hirschmann Automotive. Please contact supplier directly.*	delivered with preassembled contacts
CAVITY PLUG DIAMETER (ELA & ELB) *No distribution via Hirschmann Automotive. Please contact supplier directly.*	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)	LV214: $T_{max\ (150°\ C)}$ = 3,000 h Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING	808-124-...00

PACKAGING FEATURES

PACKAGING SIZE	600 x 400 x 280 mm
PACKAGING QUANTITY	400 pcs
PACKAGING WEIGHT	10.8 kg
PACKAGING TYPE	blister tray

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
806-271-507	A	black	1 pin to ground (GND) 1 pin unassigned

Further Information

Customer Information

- COMPANY BROCHURE
- DATA EXCHANGE LEAFLET
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List of Abbreviations

Abbrevations	Meaning	Information
CB	Clean Body	
CPA	Connector Position Assurance	
D	Sealing Class	TLF0214
ECO	Material PA6	Low Carbon Footprint
ELA	Single Wire Sealing (SWS)	
ELA-U	Single Wire Sealing for Grip Crimps (SWS)	
ELB	Cavity Plug/Dummyplug	
EPS	Product Specification	
EVS	Process Specification	
F	Female	
G	Drop Test	TLF0214
GND	Ground	
HPL	Hirschmann Automotive Product Line	
LL	Locking Lance	
M	Male	
S	Sealing Class	USCAR/ TLF0214
SG	Severity Level	LV214
SWS	Single Wire Seal	
T	Temperature Classification	USCAR/ TLF0214
TK	Temperature Collective	LV214
TPA	Terminal Position Assurance/Secondary Lock	
V	Vibration Class	USCAR/ TLF0214



Get in Touch

If you are interested in our Low Voltage products, contact our Global Product Manager Johannes Ullrich.

More information and insights about Hirschmann Automotive can be found on our website or on our social media channels.

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