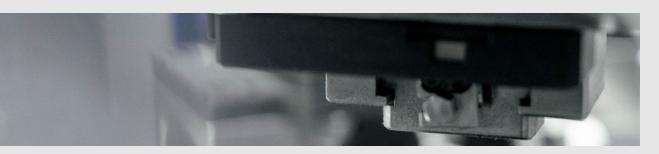
LOW VOLTAGE CONNECTOR

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Rankweil | AUSTRIA

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

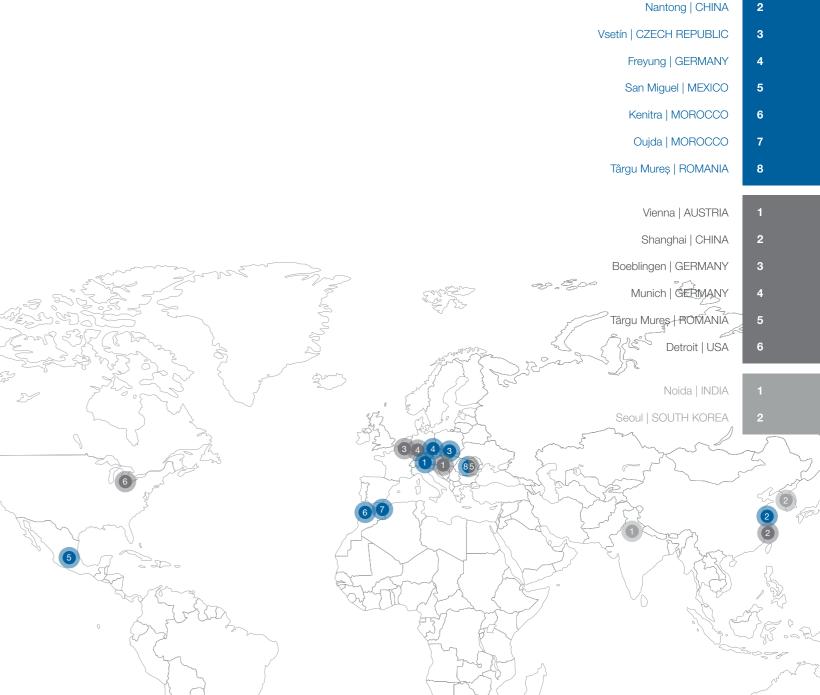
The central measuring and testing laboratory is the guarantor for fully tested components, from the design and construction phase through to series production. With vibration tests, metallography, microscopy, x-rays, tightness, infrared thermal analysis, or environmental impact analyses, you can be ensured 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.



Production Site

Competence Centers

Distributor

Connector Applications

Driven by Quality and Innovation

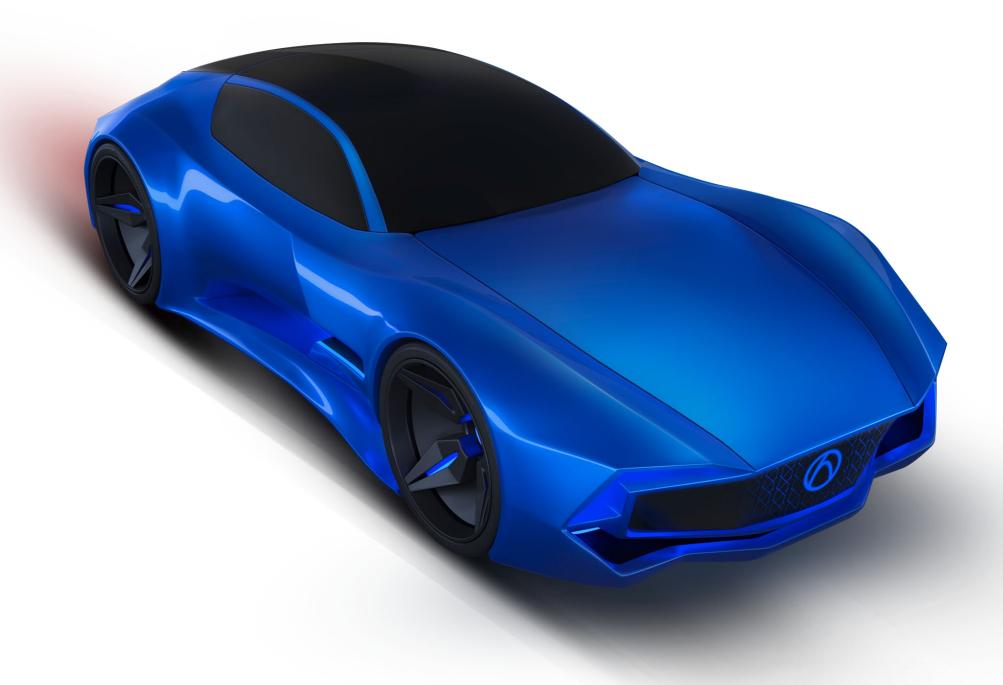
Our portfolio includes first-class connectors for all applications, whether in the interior or in highly loaded areas like the engine compartment and the axle cabling. Thereby, our products are as diverse as their application areas: They can be used for sealed or open systems. Furthermore, they are available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



10 | SealStar Connector

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.















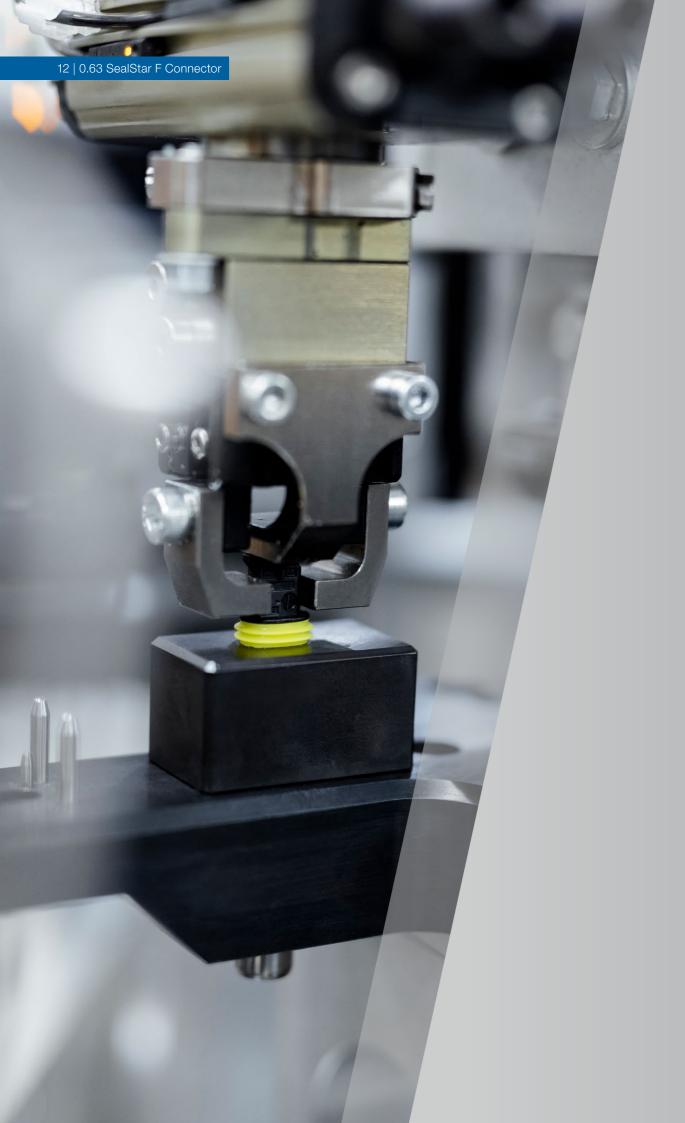












Characteristics

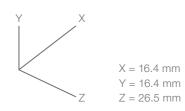
The variable-designed housings withstand high thermal and dynamic loads. In addition, they combine the following benefits:

- » compliant with test specification LV214 / partually 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	n/a
PROCESS SPECIFICATION	n/a





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	TE Connectivity MQS 0.63: C-929454 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-
810-650-522	В	nature	-
810-650-523	С	blue	-

Downloads

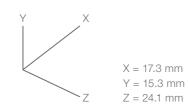
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

2way 0.63 SealStar F

PRODUCT NO.	809-109
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103-00 (n/a)
PROCESS SPECIFICATION	EVS-100103-00 (n/a)





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	≤ 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	TE Connectivity MQS 0.63: C-929454 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.		
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity	
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: T3/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-
809-109-542	В	grey	-
809-109-543	С	blue	-

Downloads

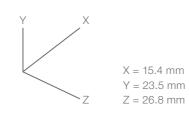
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

3way 0.63 SealStar F CPA

PRODUCT NO.	810-651
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





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	TE Connectivity MQS 0.63: C-929454 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3

USCAR2: S2 v S3²

IP-Code: IPx8 / IPx9K²
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	А	black	-
810-651-522	В	nature	-
810-651-522	С	blue	-

Downloads

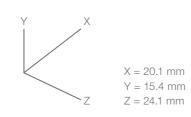
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

3way 0.63 SealStar F

PRODUCT NO.	809-315
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103-00 (n/a)
PROCESS SPECIFICATION	EVS-100103-00 (n/a)





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	TE Connectivity MQS 0.63: C-929454 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: T3/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-
809-315-542	В	grey	-
809-315-543	С	blue	-
809-315-544	E	brown	-

Downloads

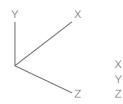
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

4way 0.63 SealStar F CPA

PRODUCT NO.	810-652
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 15.4 mmY = 26.6 mmZ = 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	TE Connectivity MQS 0.63: C-929454 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3

USCAR2: S2 v S3²

IP-Code: IPx8 / IPx9K²

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.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-652-521	А	black	-
810-652-522	В	grey	-

Downloads

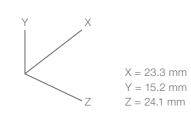
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

4way 0.63 SealStar F

PRODUCT NO.	810-284
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100103-00 (n/a)
PROCESS SPECIFICATION	EVS-100103-00 (n/a)





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)	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	TE Connectivity MQS 0.63: C-929454 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
810-284 ³	А	black	-
810-284 ³	В	grey	-

¹ Tested with the temperature collective from LV124

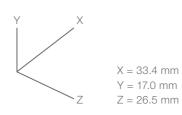
² Protective Cap recommended

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	n/a
PROCESS SPECIFICATION	n/a





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	TE Connectivity MQS 0.63: C-929454 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: T3/ S2 v S3²
IP-Code: IPx8 / IPx9K²
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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
809-140 ³	А	black	-	

¹ Tested with the temperature collective from LV124

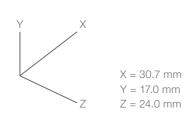
² Protective Cap recommended

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-100103-00 (n/a)
PROCESS SPECIFICATION	EVS-100103-00 (n/a)





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	TE Connectivity MQS 0.63: C-929454 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3

USCAR2: T3/S3²

IP-Code: IPx8 / IPx9K²

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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
809-140-541	А	black	-	
809-140-542	В	grey	-	
809-140-544	Z	water blue	-	
809-140-545	А	black	cavity 2, 3, 6 closed	

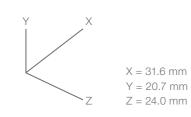
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

8way 0.63 SealStar F

PRODUCT NO.	810-658
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





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	TE Connectivity MQS 0.63: C-929454 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
810-658 ³	А	black	-	

¹ Tested with the temperature collective from LV124

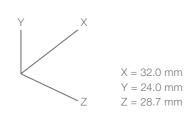
² Protective Cap recommended

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	n/a
PROCESS SPECIFICATION	n/a





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	TE Connectivity MQS 0.63: C-929454 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
812-726 ³	А	black	-	

¹ Tested with the temperature collective from LV124

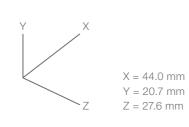
² Protective Cap recommended

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	n/a
PROCESS SPECIFICATION	n/a





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	TE Connectivity MQS 0.63: C-929454 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.45 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3

USCAR2: S2 v S3²

IP-Code: IPx8 / IPx9K²

Flame Resistance: HB

PACKAGING FEATURES

PACKAGING TYPE

bulk material

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

¹ Tested with the temperature collective from LV124

² Protective Cap recommended

³ On request: OEM restricted; samples available



Characteristics

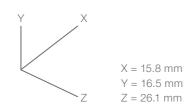
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » 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-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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)	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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: T3/V3/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	standard	black	backlash reduction
805-120-582	В	standard	nature	backlash reduction
805-120-584	D	standard	claret violet	backlash reduction
805-120-526	А	flipped protective shroud	curry	backlash reduction
805-120-528	В	flipped protective shroud	nature	backlash reduction

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

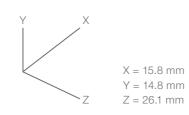
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

2way 1.2 SealStar F

PRODUCT NO.	872-857
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG4
USCAR2: T3/V3/S2 v S3²
IP-Code: IPx8 / IPx9K²
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.	CODING	TWISTED PROTECTIVE SHROUD	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
872-857-561	А	standard	black	-
872-857-562	В	standard	nature	-
872-857-563	С	standard	blue	-
872-857-565	А	flipped protective shroud	curry	-
872-857-566	В	flipped protective shroud	ivory	-

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

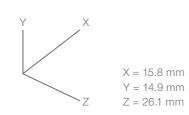
¹ Tested with the temperature collective from LV124

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)





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

Please contact supplier directly.

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

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
IP-Code: IPx8 / IPx9K²
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.	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

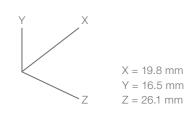
² Protective Cap recommended

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-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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
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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: T4/V4/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	Α	standard	black	backlash reduction
805-121-582	В	standard	nature	backlash reduction
805-121-583	С	standard	blue	backlash reduction
805-121-525	Z	standard	waterblue	-
805-121-526	А	flipped protective shroud	curry	-

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

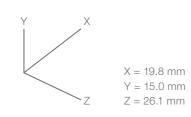
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

3way 1.2 SealStar F

PRODUCT NO.	872-858
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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)	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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG4
USCAR2: T3/V3/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	standard	black	-
872-858-542	В	standard	nature	-
872-858-546	А	flipped protective shroud	curry	-

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

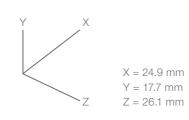
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

4way 1.2 SealStar F CPA

PRODUCT NO.	805-122
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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
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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.		
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: T2/V3/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	standard	black	backlash reduction
805-122-552	В	standard	nature	backlash reduction
805-122-553	С	flipped protective shroud	curry	backlash reduction
805-122-550	А	standard	black	no CPA

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

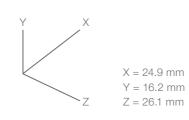
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

4way 1.2 SealStar F

PRODUCT NO.	872-859
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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)	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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG3

USCAR2: T2/V3/S2 v S3²

IP-Code: IPx8 / IPx9K²

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	А	standard	black	-
872-859-542	В	standard	nature	-

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

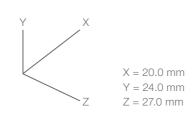
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

4way 1.2 SealStar F CPA

PRODUCT NO.	807-550
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100087-00
PROCESS SPECIFICATION	EVS-100089-00





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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: SG4
USCAR2: T2/V3/S2 v S3²
IP-Code: IPx8 / IPx9K² 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	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	А	black	-	

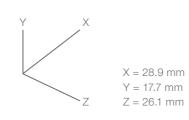
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

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-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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
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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)		
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)		
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity		
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing		

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG3

USCAR2: T2/V3/S2 v S3²

IP-Code: IPx8 / IPx9K² 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	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	А	standard	black	backlash reduction
805-123-552	В	standard	nature	backlash reduction

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

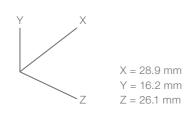
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

5way 1.2 SealStar F

PRODUCT NO.	872-860
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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)	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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)		
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)		
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity		
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing		

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: T2/V3/S2 v S3²
IP-Code: IPx8 / IPx9K² 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	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	А	standard	black	-
872-860-546	А	flipped protective shroud	black	-

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

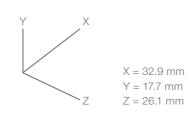
¹ Tested with the temperature collective from LV124

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-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)		
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)		
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity		
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing		

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: T3/V2/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	standard	black	-	

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

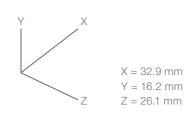
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

6way 1.2 SealStar F

PRODUCT NO.	872-861
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: T2/V2/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	standard	black	-
872-861-562	В	standard	nature	-

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

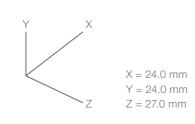
¹ Tested with the temperature collective from LV124

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-100087-00
PROCESS SPECIFICATION	EVS-100089-00





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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-	
807-551-582	В	black	-	

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

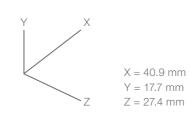
¹ Tested with the temperature collective from LV124

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-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	standard	black	-
805-125 ³	А	standard	black	long shroud, no CPA

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

¹ Tested with the temperature collective from LV124

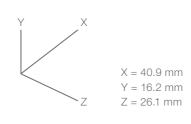
² Protective Cap recommended

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-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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)	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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)		
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)		
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity		
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing		

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	standard	black	-

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

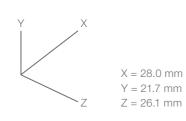
¹ Tested with the temperature collective from LV124

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-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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)	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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)		
No distribution via Hirschmann Automotive. Please contact supplier directly.			
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity		
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing		

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	standard	black	
805-031-552	В	standard	nature	-
805-031-581	А	flipped protective shroud	black	-
805-031-541	А	standard	black	no CPA
805-031-542	В	standard	nature	no CPA
805-031-585	А	standard	black	cavity 2, 5, 6 closed

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

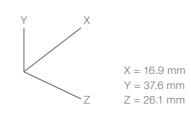
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

8way 1.2 SealStar F

PRODUCT NO.	805-031
TYPE OF PRODUCT	housing for female terminal (F)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing) Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)		
No distribution via Hirschmann Automotive. Please contact supplier directly.			
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity		
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing		

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	standard	black	2x lateral laches

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

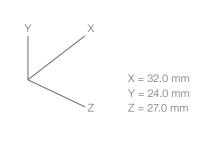
¹ Tested with the temperature collective from LV124

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-100087-00
PROCESS SPECIFICATION	EVS-100089-00





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	≤ 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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)		
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)		
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity		
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing		

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-	

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

¹ Tested with the temperature collective from LV124

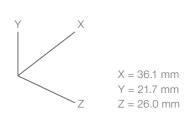
² Protective Cap recommended

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-100011-00
DDOCESS SDECIEICATION	EVS 100013 00





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	PinHeader: 809-391 ³ / 905-803 / 906836 / 812-640 / 707-099 / 810-076		
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)		
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)		
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity		
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing		

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG4
USCAR2: T2/V3/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	standard	black	-
806-344-542	В	standard	nature	-

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

¹ Tested with the temperature collective from LV124

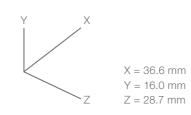
² Protective Cap recommended

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





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	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	Kostal MLK 1.2-Sm: DOC 00072546	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-S: DOC00079128 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	TE Connectivity Product No.	
No distribution via Hirschmann Automotive. Please contact supplier directly.	1-1452424-2 1-1452424-1	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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	А	standard	black	black protective shroud cavity 12 closed 2x lateral laches	
806-360-522	А	standard	black	grey protective shroud 11, 12 closed 2x lateral laches	
806-360-506	А	standard	black	waterblue protective shroud 2x lateral laches	

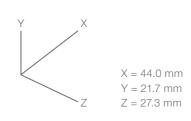
- ► PROCESS SPECIFICATION
- ► PRODUCT DRAWING

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-100011-00
PROCESS SPECIFICATION	EVS-100013-00





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: 809-588 / 807-446 PinHeader: 809-950 / 807-536-501 / 810-485	
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG4
USCAR2: T2/V3/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	Α	standard	black	-
805-587-542	В	standard	black	-
805-587-545	А	flipped protective shroud	black	-

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

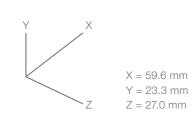
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

24way 1.2 SealStar F

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





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	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-
805-551 ³	А	black	cavitiy 3, 4, 5, 6, 7, 15, 16, 21 closed (8 cavities closed in total)
805-551 ³	А	black	cavitiy 4, 7, 12, 13, 14, 15, 16, 17, 18, 19, 20, 24 closed (12 cavities closed in total)
805-551 ³	А	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



Characteristics

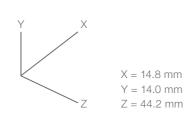
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » 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-100121-00
PROCESS SPECIFICATION	EVS-100121-00





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)	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	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	hulk material

ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
809-555-521	А	black	EU-Clip
809-555-522	В	black	EU-Clip
809-555-526	А	black	no locator element (no clip)
809-604-523	В	grey	US-Clip
809-604-524	В	grey	US-Clip

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

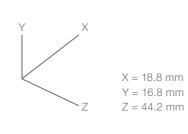
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

3way 1.2 SealStar M

PRODUCT NO.	809-556
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100121-00
PROCESS SPECIFICATION	EVS-100121-00





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	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	EU-Clip	

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

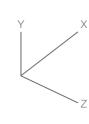
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

4way 1.2 SealStar M

PRODUCT NO.	809-557
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100121-00
DDOCESS SDECIEICATION	EVS 100121 00





X = 24.4 mmY = 18.1 mmZ = 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	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	EU-Clip
809-557-542	В	black	EU-Clip
809-557-543	С	black	EU-Clip

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

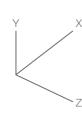
¹ Tested with the temperature collective from LV124

² Protective Cap recommended

5way 1.2 SealStar M

PRODUCT NO.	806-974
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100014-00





X = 30.5 mmY = 22.3 mmZ = 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	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	EU-Clip
806-974-512	В	black	EU-Clip

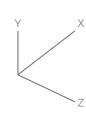
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

² Protective Cap recommended

6way 1.2 SealStar M

PRODUCT NO.	806-614
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100011-00
PROCESS SPECIFICATION	EVS-100014-00





X = 34.5 mmY = 22.3 mmZ = 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	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: SG3

USCAR2: S2 v S3²

IP-Code: IPx8 / IPx9K²

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	А	black	EU-Clip	

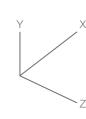
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

² Protective Cap recommended

8way 1.2 SealStar M

PRODUCT NO.	809-560	
TYPE OF PRODUCT	housing for male terminal (M)	
PRODUCT SPECIFICATION	EPS-100121-00	
PROCESS SPECIFICATION	EPS-100121-00	





X = 40.2 mmY = 18.2 mmZ = 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 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)	11.0 g

MATING PARTS & ACCESSOIRES

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

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	EU-Clip	
809-560-522	В	black	EU-Clip	

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

¹ Tested with the temperature collective from LV124

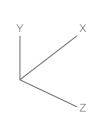
² Protective Cap recommended

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	n/a
PROCESS SPECIFICATION	n/a





X = 33.1 mmY = 22.9 mmZ = 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	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

TLF0214: T3/V3/D3 v D4²
USCAR2: T3/V3/S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	EU-Clip
813-442-502	В	black	EU-Clip
813-442-551	А	black	US-Clip, 11 mm
813-442-552	В	black	US-Clip, 11 mm

Downloads

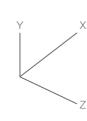
► INTERFACE DRAWING

² Protective Cap recommended

16way 1.2 SealStar M

PRODUCT NO.	813-377
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





X = 41.1 mmY = 22.9 mmZ = 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	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2: DOC00082069 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

TLF0214: T3/V3/D3 v D4²
USCAR2: T3/V3/S2 v S3²
IP-Code: IPx8 / IPx9K²
Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING

808-015-...00 808-183-...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

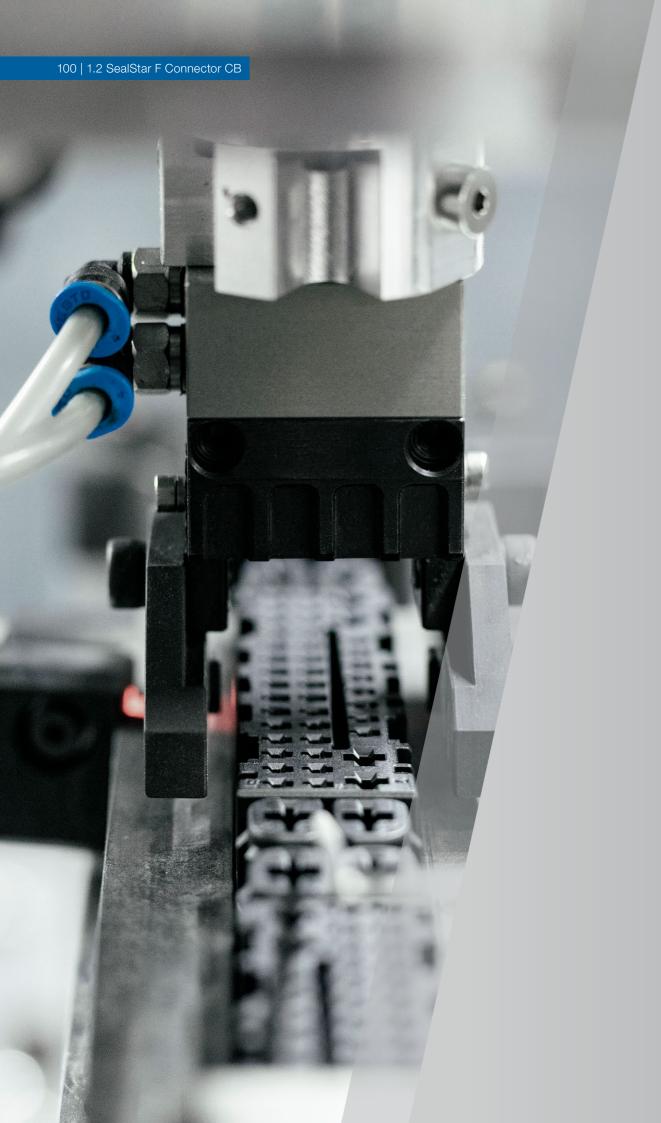
ORDER/PRODUCT NO.

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
813-377-501	А	black	EU-Clip
813-377-502	В	black	EU-Clip
813-377-551	А	black	US-Clip, 11 mm
813-377-552	В	black	US-Clip, 11 mm

Downloads

► INTERFACE DRAWING

² Protective Cap recommended



1.2 SealStar F Connector CB

Characteristics

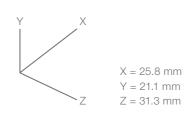
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » 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)





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	TE Connectivity 1.2 MCON CB: C-1534326 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Molex: 985751010
No distribution via Hirschmann Automotive. Please contact supplier directly.	TE Connectivit: 1-1452424-3 Kostal Nr: 10200610940; 10122757

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
IP-Code: IPx8 / IPx9K²
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 ³	7	waterblue	-	

¹ Tested with the temperature collective from LV124

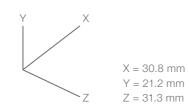
² Protective Cap recommended

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)





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	TE Connectivity 1.2 MCON CB: C-1534326 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Molex: 985751010
No distribution via Hirschmann Automotive. Please contact supplier directly.	TE Connectivit: 1-1452424-3 Kostal Nr: 10200610940; 10122757

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
IP-Code: IPx8 / IPx9K²
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	
809-1743	А	black	-	

¹ Tested with the temperature collective from LV124

² Protective Cap recommended

³ On request: OEM restricted; samples available



Characteristics

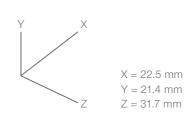
The 2.8 SealStar is robust and combines the following positive features:

- » 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-100100-00 (n/a)
PROCESS SPECIFICATION	EVS-100100-00





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 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)	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	TE Connectivity MCP 2.8: C-1355036 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-
807-872-512	В	nature	-
807-872-513	C	blue	-

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

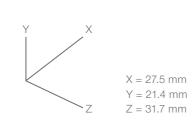
¹ Tested with the temperature collective from LV124

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-100100-00 (n/a)	
PROCESS SPECIFICATION	EVS-100100-00	





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	≤ 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	TE Connectivity MCP 2.8: C-1355036 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-	
807-873-512	В	nature	-	

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

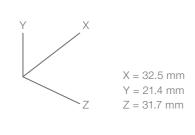
¹ Tested with the temperature collective from LV124

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-100100-00 (n/a)
PROCESS SPECIFICATION	EVS-100100-00





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 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)	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	TE Connectivity MCP 2.8: C-1355036 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	1,500 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	А	black	-
807-874-512	В	nature	-

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

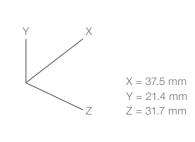
¹ Tested with the temperature collective from LV124

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-100100-00 (n/a)
PROCESS SPECIFICATION	EVS-100100-00





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	≤ 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	TE Connectivity MCP 2.8: C-1355036 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	-	

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

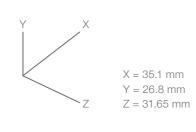
¹ Tested with the temperature collective from LV124

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-100100-00 (n/a)	
PROCESS SPECIFICATION	EVS-100100-00	





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	≤ 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	TE Connectivity MCP 2.8: C-1355036 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	n/a
PACKAGING TYPE	bulk material

ORDER/PRODUCT NO.

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

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

¹ Tested with the temperature collective from LV124

² Protective Cap recommended



Characteristics

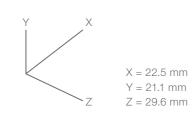
Lightweight construction is closely linked with efficiency – and our SealStar housings also combine both features. The connectors are compact and convince with their resistance to external influences:

- » 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





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 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)	5.5 g

MATING PARTS & ACCESSOIRES

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

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-	
805-198-522	В	nature	-	
805-198-523	С	blue	-	
805-198-526	С	blue	cavity 2 closed	
805-198-527	С	blue	no CPA, cavity 2 closed	
805-198-528	В	nature	no CPA	

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

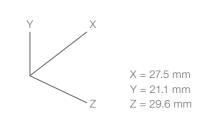
¹ Tested with the temperature collective from LV124

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





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	≤ 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	Kostal SLK 2.8: DOC00043218 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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
PACK AGING TYPE	bulk material

ORDER/PRODUCT NO.

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

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

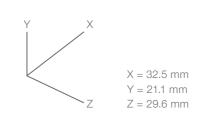
¹ Tested with the temperature collective from LV124

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





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 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)	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	Kostal SLK 2.8: DOC00043218 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-	
805-200-531	А	black	no CPA	

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

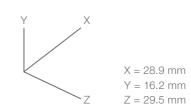
¹ Tested with the temperature collective from LV124

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





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 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
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	Kostal SLK 2.8: DOC00043218 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	lowered protective shroud no CPA	
805-219-522	В	nature	lowered protective shroud	

Downloads

► PRODUCT DRAWING

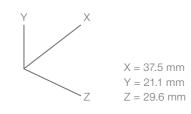
¹ Tested with the temperature collective from LV124

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





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	Kostal SLK 2.8: DOC00043218 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	no CPA	

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

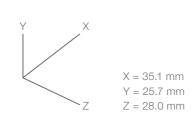
¹ Tested with the temperature collective from LV124

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





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)	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	Kostal SLK 2.8: DOC00043218 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG4
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	-	

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

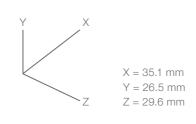
¹ Tested with the temperature collective from LV124

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





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	Kostal SLK 2.8: DOC00043218 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

IP-Code: IPx8 / IPx9K²
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	Α	black	-	

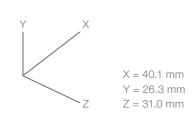
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING

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
DDOCESS SDECIFICATION	EVS 100000 00





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	Kostal SLK 2.8: DOC00043218 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

IP-Code: IPx8 / IPx9K²
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	-	

- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION

² Protective Cap recommended

³ On request: OEM restricted; samples available



Characteristics

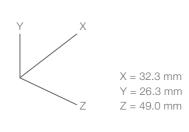
Lightweight construction is closely linked with efficiency – and our SealStar housings also combine both features. The connectors are compact and convince with their resistance to external influences.

- » 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)





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 (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	Kostal SLK 2.8: DOC00074173 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	А	black	-	
872-586-551	А	black	locator element 180° twisted (clip)	

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

¹ Tested with the temperature collective from LV124

² Protective Cap recommended

140 | SealStar HMK Connector

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

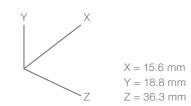
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » 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





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	≤ 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: 709-12500 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive.	Kostal: SWS is given on Hirschmann Automotive terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG6
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	hulk material

ORDER/PRODUCT NO.

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

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

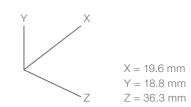
¹ Tested with the temperature collective from LV124

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





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	≤ 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: 709-12500 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive.	Kostal: SWS is given on Hirschmann Automotive terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG6
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	-	

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

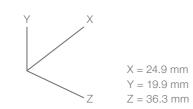
¹ Tested with the temperature collective from LV124

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





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	≤ 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: 709-12500 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly	Kostal: SWS is given on Hirschmann Automotive terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG6
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	-	

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

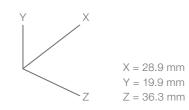
¹ Tested with the temperature collective from LV124

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





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	≤ 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: 709-12500 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal: SWS is given on Hirschmann Automotive terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG6
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	Α	black	-	

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

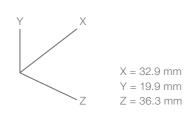
¹ Tested with the temperature collective from LV124

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





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: 709-12500 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal: SWS is given on Hirschmann Automotive terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG6
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	
806-5243	А	black	-	

- ► 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

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
MATING CYCLES	50 cycles
TERMINAL CONSTRUCTION	two-piece
WEIGHT OF CONNECTOR (Delivery Condition)	0.2 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	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

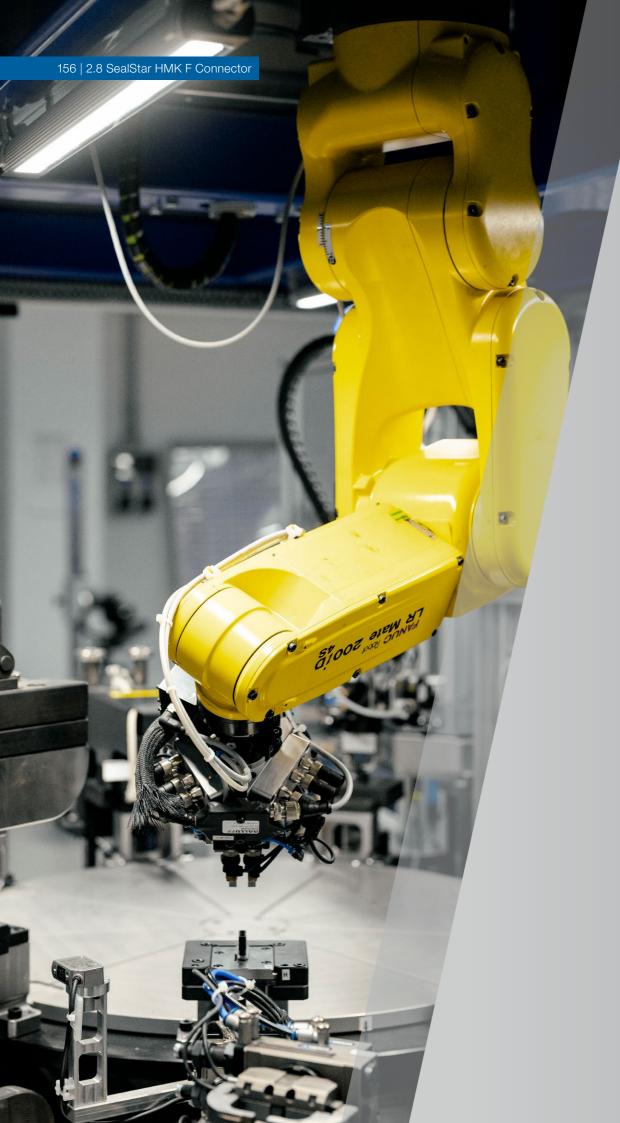
PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) T= -40° C to 150° C (Ag)

PACKAGING FEATURES

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

ORDER/PRODUCT NO.	DGV WIRE SIZE RANGE	PRODUCT INFORMATION
709-125-501	0.75-1.00 mm ²	Platings Curfoce ACO 4
709-125-502	0.50 mm ²	Plating: Surface AG2-4
709-125-503	0.22-0.35 mm ²	Minimum Order Quantity: 8,000 pcs





Characteristics

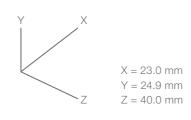
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » 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 (n/a)
PROCESS SPECIFICATION	EVS-100102 (n/a)





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 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)	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)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly	Kostal: SWS is given on Hirschmann Automotive terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG6
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	
807-8273	А	black	-	
807-8273	В	nature	-	

Downloads

► INTERFACE DRAWING

¹ Tested with the temperature collective from LV124

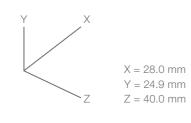
² Protective Cap recommended

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 (n/a)
PROCESS SPECIFICATION	EVS-100102 (n/a)





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

Please contact supplier directly.

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: SWS is given on Hirschmann Automotive terminal drawing
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG6
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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 ³	А	black	-	
807-828 ³	В	nature	-	

Downloads

► INTERFACE DRAWING

¹ Tested with the temperature collective from LV124

² Protective Cap recommended

³ On request: OEM restricted; samples available

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
MATING CYCLES	50 cycles
TERMINAL CONSTRUCTION	two-piece
WEIGHT OF CONNECTOR (Delivery Condition)	0.65 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
CAVITY PLUG DIAMETER (ELA & ELB)	SWS is given on the corresponding terminal drawing
No distribution via Hirschmann Automotive. Please contact supplier directly	

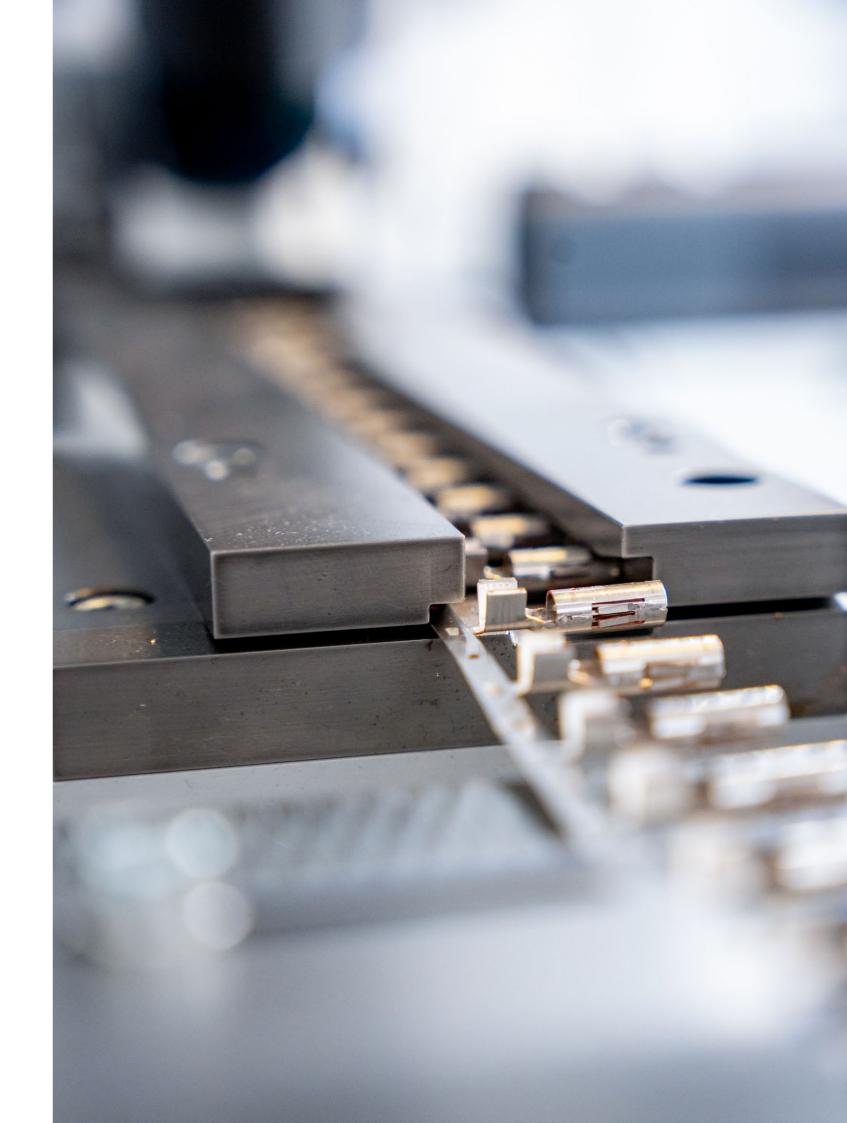
VALIDATION STATUS

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.	DGV WIRE SIZE RANGE	PRODUCT INFORMATION
709-939 ³	0.50 mm ²	
709-939 ³	0.75-1.00 mm ²	Plating: Surface AG
709-939 ³	1.50 mm ²	Minimum Order Quantity: 4,500 pcs
709-939 ³	2.50 mm ²	



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.





Characteristics

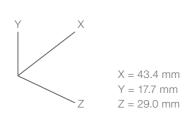
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features:

- » 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





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)	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)	10.1 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	n/a at Hirschmann Automotive
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
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: 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

PACKAGING FEATURES

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

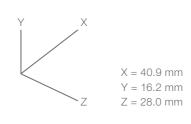
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
872-652 ³	А	black	-	

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





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	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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
Please contact supplier directly.	Kostal SLK 2.8: DOC00043218 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive.	Ø 5.18 mm connector cavity	
Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	2,000 pcs
PACKAGING WEIGHT	16.3 kg
PACKAGING TYPE	bulk material

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

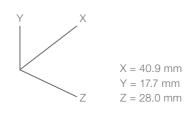
² Protective Cap recommended

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





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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)
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)	Ø 3.55 mm connector cavity
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: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	1,500 pcs
PACKAGING WEIGHT	11.5 kg
PACKAGING TYPE	bulk material

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

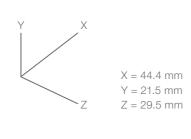
² Protective Cap recommended

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





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	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal SLK 2.8: DOC00043218 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
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)

USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
807-287 ³	А	black	-	

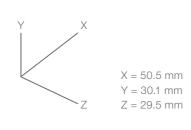
² Protective Cap recommended

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
DDOCESS SDECIEICATION	2/2





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	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal SLK 2.8: DOC00043218 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
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

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	500 pcs
PACKAGING WEIGHT	11.6 kg
PACKAGING TYPE	bulk material

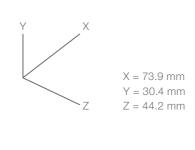
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
809-129-501	А	black	-	
809-129-502	А	black	flipped protective shroud	
809-129-503	А	black	no CPA	
809-129-504	А	black	flipped protective shroud, no CPA	

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
DDOCESS SDECIEICATION	2/2





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
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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive.	Kostal MLK 1.2-Sm: DOC00079128, DOC00072546 (drawing)	
Please contact supplier directly.	TE Connectivity MCP 2.8: C-1355036 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive.	Ø 5.18 mm connector cavity	
Please contact supplier directly.	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG3

USCAR2: S2 v S3²

IP-Code: IPX6K/ IPX8 / IPx9 K² 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. CODING		CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
812-400 ³	А	black	-	

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	





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 GF30	
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	TE Connectivity MCON 1.2 LL: C-1452674 (drawing)	
No distribution via Hirschmann Automotive.	TE Connectivity MCP 2.8: C-1355036 (drawing)	
Please contact supplier directly.	TE Connectivity MCP 6.3/4.8: C-1241438 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity	
No distribution via Hirschmann Automotive.	Ø 5.18 mm connector cavity	
Please contact supplier directly.	Ø 8.48 mm connector cavity	
, ,	SWS is given on the corresponding terminal drawing	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG2
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	200 pcs
PACKAGING WEIGHT	10.6 kg
PACKAGING TYPE	items packed

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	Product Name
806-5543	А	black	-	46way SealStar Hybrid F Connector
806-555 ³	А	black	-	Protective Cap

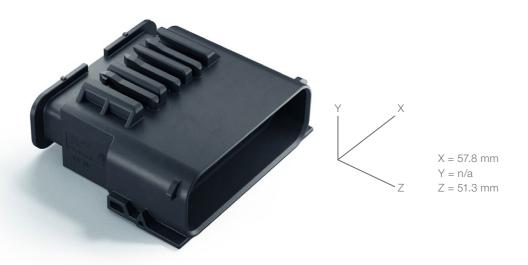
¹ Tested with the temperature collective from LV124

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



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: 812-401 Protective Cap: 707-695 / 714-338
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
No distribution via Hirschmann Automotive.	Kostal MLK 1.2: DOC00082069 (drawing)
Please contact supplier directly.	TE Connectivity MCP 2.8: C-1355052 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive.	Ø 5.18 mm connector cavity
Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/SG3

USCAR2: S2 v S3²

IP-Code: IPX6K/ IPX8 / IPx9 K² 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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
812-4013	А	black	-	

¹ Tested with the temperature collective from LV124

² Protective Cap recommended

³ On request: OEM restricted; samples available

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

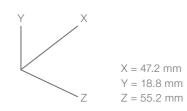
Characteristics

- » 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





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

Please contact supplier directly.

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

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

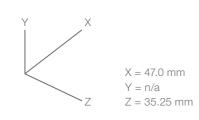
PACKAGING SIZE	400 x 300 x 148 mm
PACKAGING QUANTITY	108 pcs
PACKAGING WEIGHT	3.0 kg
PACKAGING TYPE	blister trays

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

5way 1.2 PinHeader

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





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	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	11.9 g

MATING PARTS & ACCESSOIRES

Please contact supplier directly.

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

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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

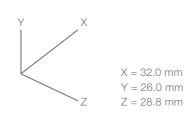
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
955-055-001	А	black	-	

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





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

Please contact supplier directly.

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

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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 travs

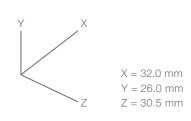
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
955-004-001	А	black	-	

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





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

Please contact supplier directly.

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

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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

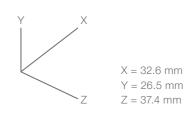
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
955-007-001	А	black	-	

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





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

Please contact supplier directly.

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

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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

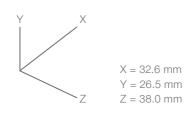
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
955-070-011	А	black	-	

¹ Tested with the temperature collective from LV124

8way 1.2 PinHeader 90

PRODUCT NO.	955-048
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





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

Please contact supplier directly.

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

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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 travs

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
955-048 ³	А	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



TECHNICAL PRODUCT INFORMATION

X = 55.2 mm

Y = 28.5 mm

Z = 15.8 mm

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

Please contact supplier directly.

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

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
807-520-501	А	black	-	8way 1.2 PinHeader
807-521-501	-	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



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 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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 807-602
COMPATIBLE TERMINAL SYSTEM	Kostal MLK 1.2: DOC00082069 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
No distribution via Hirochmann Automotivo	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
807-581 ³	А	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

12way 1.2 PinHeader + Flange Seal Set

PRODUCT NO.	810-076
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



TECHNICAL PRODUCT INFORMATION

Y = 28.5 mm

Z = 19.1 mm

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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-344 / 807-479
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
No distribution via Hirschmann Automotivo	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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 808-015-...00 120-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 travs

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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
810-076-501	А	black	-	12way 1.2 PinHeader
810-076-502	В	black	-	12way 1.2 PinHeader
807-662-501	-	black	flange screw connection from outside	12way 1.2 Flange Seal Set
807-662-511	-	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 Set

PRODUCT NO.	707-099
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a



TECHNICAL PRODUCT INFORMATION

X = 54.1 mm

Y = 14.2 mm

Z = 28.0 mm

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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-344 / 807-479
COMPATIBLE TERMINAL SYSTEM	Kostal MLK 1.2: DOC00082069 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
No distribution via Hirschmann Automotive	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹

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

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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
707-099-501	А	black	-	12way 1.2 PinHeader
809-495-503	-	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

PRODUCT NO.	705-963
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a

12way 1.2 Flange X = 58.0 mmY = 23.1 mmZ = 16.0 mm

12way Axial Seal

X = 56.5 mmY = 2.0 mmZ = 21.6 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)	7.3 g

MATING PARTS & ACCESSOIRES

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-344 / 807-479	
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)	
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2: DOC00082069 (drawing)	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed	
No distribution via Hirschmann Automotive.		

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹

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 808-015-...00 120-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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
705-963-501	А	black	-	12way 1.2 PinHeader
705-963-502	В	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

16way 1.2 PinHeader + Flange Seal Set

PRODUCT NO.	706-696-001
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	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	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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587 / 807-445
COMPATIBLE TERMINAL SYSTEM	Kostal MLK 1.2: DOC00077763 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
Na distribution via Hiroshmann Automativa	

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	

12way 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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
706-696-001	А	black	-	12way 1.2 PinHeader
809-496-501	-	black	-	12way 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



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	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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587 / 807-445
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2: DOC00077763 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) LV214: TK4¹/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

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 travs

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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
810-485 ³	А	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
DDOCESS SDECIEICATION	0/0

16way 1.2 Flange X = 71.9 mm

Y = 26.9 mmZ = 15.0 mm

16way Axial Seal

X = 69.3 mmY = 4.9 mmZ = 24.3 mm



16way 1.2 PinHeader

X = 62.5 mmY = 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

No distribution via Hirschmann Automotive. Please contact supplier directly.

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)	not needed

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK4¹/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

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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
809-950-501	А	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	
DDOCESS SDECIFICATION	2/2	

16way 1.2 Flange X = 71.9 mm

Y = 26.9 mmZ = 15.0 mm

16way Axial Seal

X = 69.2 mmY = 4.9 mmZ = 24.3 mm



16way 1.2 PinHeader

X = 64.0 mmY = 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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587 / 807-445
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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

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

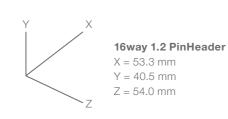
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	PRODUCT NAME
807-536-501	А	black	180 pressfit	16way 1.2 PinHeader
706-358-501	-	black	flange screw connection from inside	16way 1.2 Flange
706-358-511	-	black	flange screw connection from inside / flange closed	16way 1.2 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	





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	PA66 GF30
WEIGHT OF CONNECTOR (Delivery Condition)	n/a

MATING PARTS & ACCESSOIRES

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-587 / 807-445
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/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	

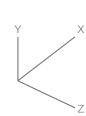
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
909-063-001	А	black	-	

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 mmY = 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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector 16way: 805-587 / 807-445 Connector 8way: 805-031
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
No distribution via Hirschmann Automotive	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹

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

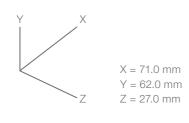
ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
810-528-501	-	black	-	

¹ Tested with the temperature collective from LV124

24way 1.2 PinHeader

PRODUCT NO.	806-732
TYPE OF PRODUCT	PinHeader
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-551
COMPATIBLE TERMINAL SYSTEM	Kostal MLK 1.2: DOC00082069 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
No distribution via Hirschmann Automotive.	

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.	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.







Characteristics

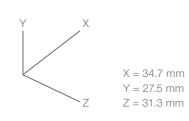
The variable housings withstand high thermal and dynamic loads. Furthermore, they have a variety of other positive features

- » compliant with test specification LV214
- » single-wire sealing and robust radial sealing
- » CPA (Connector Position Assurance)
- convenient and secure connectionwith 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	FVS-100054-00





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	Kostal MLK 1.2-Sm: DOC00079128 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 3.55 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3

USCAR2: S2 v S3²

IP-Code: IPx8 / IPx9K²
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	Α	turquoise green	-	

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

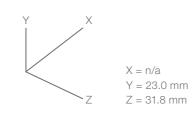
¹ Tested with the temperature collective from LV124

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





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-820
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (due to design)
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹/SG3
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
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	Α	black	-	

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

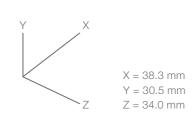
¹ Tested with the temperature collective from LV124

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 (n/a)
PROCESS SPECIFICATION	EVS-100104 (n/a)





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 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)	14.0 g

MATING PARTS & ACCESSOIRES

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-321
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355036 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is given on the corresponding terminal drawing

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK2¹

USCAR2: S2 v S3²

IP-Code: IPx8 / IPx9K²

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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
809-3223	A	turquoise green	-	

¹ Tested with the temperature collective from LV124

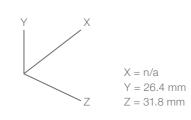
² Protective Cap recommended

³ On request: OEM restricted; samples available

4way 2.8 Service Disconnect M

PRODUCT NO.	809-321
TYPE OF PRODUCT	housing for male terminal (M)
PRODUCT SPECIFICATION	EPS-100104 (n/a)
PROCESS SPECIFICATION	EVS-100054 (n/a)





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 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)	10.0 g

MATING PARTS & ACCESSOIRES

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 809-322
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (due to design)
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK2¹
USCAR2: S2
IP-Code: IPx8 / IPx9K²
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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
809-321 ³	А	black	-	

¹ Tested with the temperature collective from LV124

² Protective Cap recommended

³ On request: OEM restricted; samples available

236 | Accessories

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
EVIT ANOLE	1000
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 810-650²	2way 805-120 2way 872-857 2way 806-026	-	-	



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 805-120			
2way 810-650 ²	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	1.2 SealStar	2.8 SealStar	Others 1	
-	3way 805-121 3way 872-858 3way 872-597 3way 806-881	2way 807-872 2way 805-198	-	
	,			



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	2way 807-872		
-	3way 872-597	2way 805-198	-	
	3way 806-881			



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
EVIT ANOLE	
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 Sea	alStar 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

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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	1.2 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-	

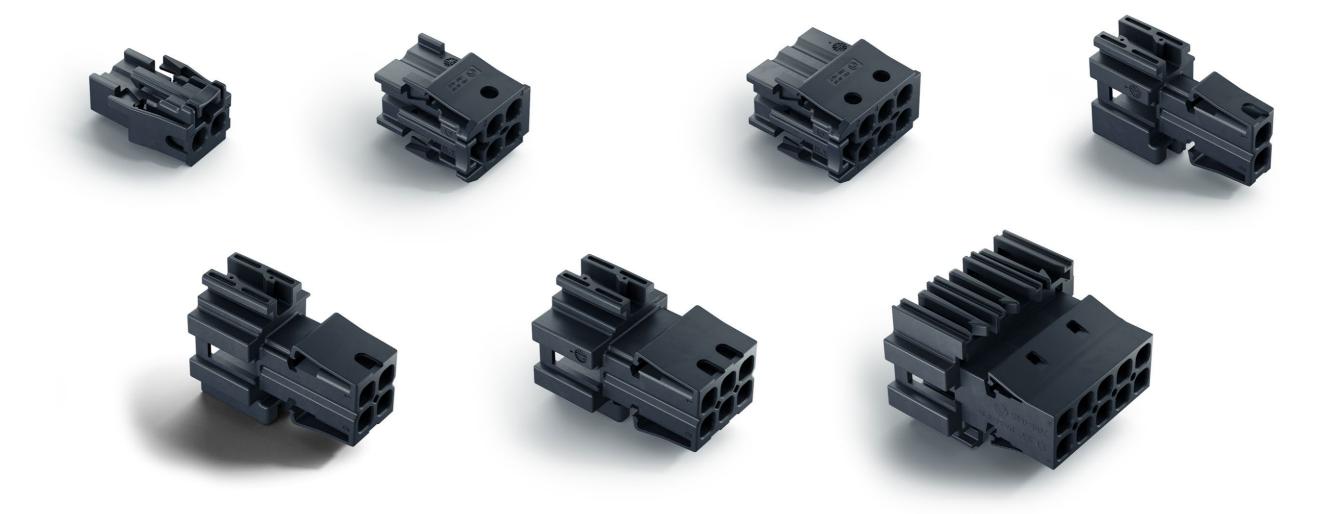
³ On request: OEM restricted; samples available

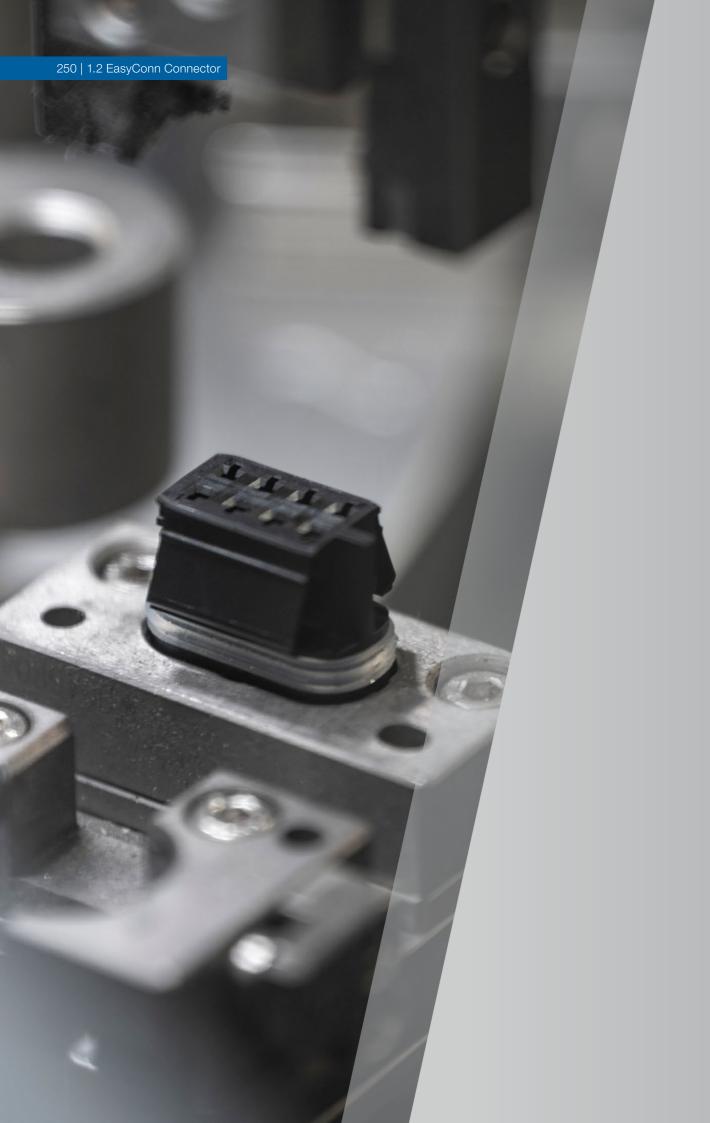
248 | EasyConn Connectors

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

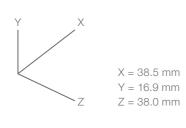
Characteristics

- » 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)





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 2x2way 705-853 Connector: 6way 705-852
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCON 1.2 LL: C-1418754 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal MLK 1.2: DOC00061540 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) USCAR2: T3/V2/S1 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 280 mm
PACKAGING QUANTITY	1,000 pcs
PACKAGING WEIGHT	9.7 kg
PACKAGING TYPE	bulk material

ORDER/ PRODUCT NO.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
707-173-501	А	black	-	
707-173-511	Е	black	-	



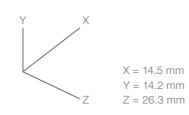
Characteristics

- » 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





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-650
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355036 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-5 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) LV214: TK21/SG1

USCAR2: S1
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	А	black	-	
706-450-512	В	nature	-	
706-450-513	С	light blue	-	
706-450-514	D	claret violet	-	
706-450-515	E	may green	-	

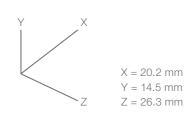
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

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





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-651
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355036 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-5 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK2¹/SG1
USCAR2: S1
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	А	black	-
706-451-512	В	nature	-
706-451-513	С	light blue	-
706-451-514	D	claret violet	-
706-451-515	E	may green	-

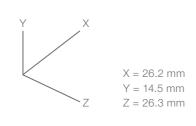
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

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





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-652
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355036 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Aptiv CTS 2.8: 15457850 (drawing) Lear MAK 2.8: D00091310-5 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK2¹/SG1
USCAR2: S1
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	А	black	-
706-452-512	В	nature	-
706-452-513	С	light blue	-
706-452-514	D	claret violet	-

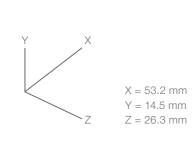
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

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)





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

No distribution via Hirschmann Automotive. Please contact supplier directly.

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)	not needed (unsealed application)

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) LV214: TK21/SG1

USCAR2: S1
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	А	black	-
706-456 ³	В	nature	-

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

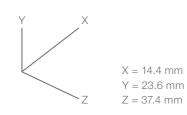
¹ Tested with the temperature collective from LV124

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





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-450
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355052 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
No distribution via Hiroshmann Automativa	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark) LV214: TK21/SG1

USCAR2: S1
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	А	black	EU-Clip
706-650-512	В	nature	EU-Clip
706-650-513	С	light blue	EU-Clip
706-650-514	E	may green	EU-Clip

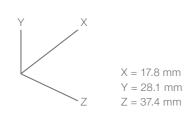
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

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





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-451
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355052 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
No distribution via Hiroshmann Automativa	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK2¹/SG1
USCAR2: S1
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	А	black	EU-Clip
706-651-512	В	nature	EU-Clip
706-651-513	С	light blue	EU-Clip
706-651-514	D	claret violet	EU-Clip
706-651-515	Е	may green	EU-Clip

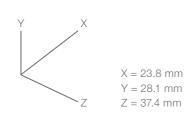
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► PRODUCT DRAWING

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





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 706-452
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355052 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
No distribution via Hirschmann Automotive	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK2¹/SG1
USCAR2: S1
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	А	black	EU-Clip	
706-652-512	В	nature	EU-Clip	
706-652-513	С	light blue	EU-Clip	
706-652-516	В	nature	EU-Clip	

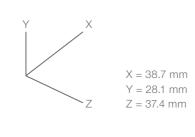
- ► PRODUCT SPECIFICATION
- ► PROCESS SPECIFICATION
- ► INTERFACE DRAWING
- ► PRODUCT DRAWING

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





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 705-489
COMPATIBLE TERMINAL SYSTEM	TE Connectivity MCP 2.8: C-1355052 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed (unsealed application)
No distribution via Hirschmann Automotivo	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK2¹/SG1
USCAR2: S1
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	EU-Clip
706-045-515	E	may green	EU-Clip

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

¹ Tested with the temperature collective from LV124



EasyConn Hybrid Connector

Characteristics

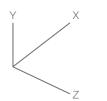
- » compliant with test specification LV214
- » convenient and secure connection with audible feedback of detent function
- » one-piece-design
- » additional characteristics are product-specific, check the individual connector description or contact our Product Management

274 | EasyConn Hybrid Connector

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 mmY = 19.0 mmZ = 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	Aptiv MTS 0.63: 13580658 (drawing)	
No distribution via Hirschmann Automotive.	TE Connectivity: C-929454 (drawing)	
Please contact supplier directly.	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)	not needed (unsealed application)	
No distribution via Hirschmann Automotive. Please contact supplier directly.		

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK2¹/SG1
USCAR2: S1
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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION
705-826 ³	В	nature	-
705-826 ³	С	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

276 | Potential and Ground-Distributor

Potential and Ground-Distributor

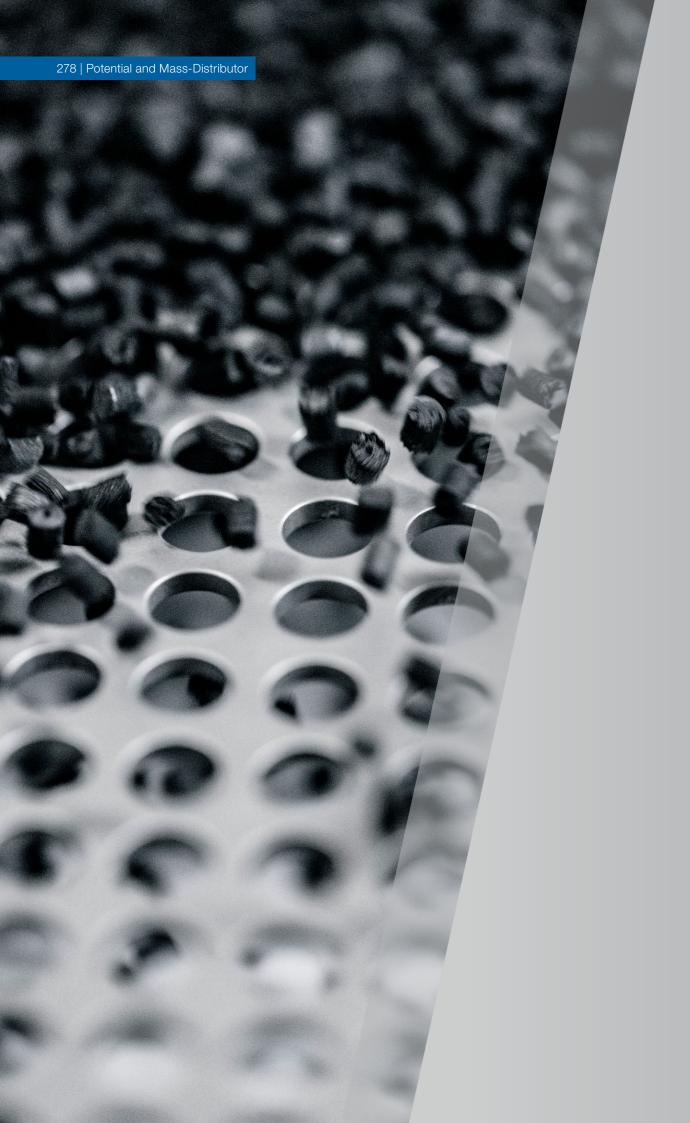
Introduction

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

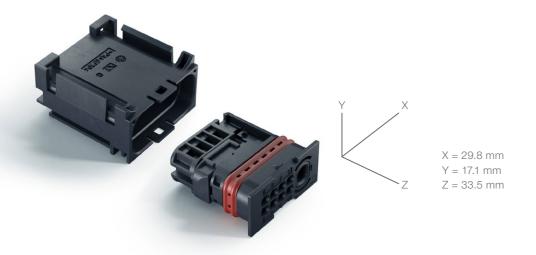
Secure and efficient power distribution is essential – and our distributor offers both. Furthermore, they have the following positive features:

- » 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

280 | Potential and Mass-Distributor

9way Distributor

PRODUCT NO.	807-833
TYPE OF PRODUCT	potential distributor
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	EVS-100098



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	TE Connectivity MCON 1.2 CB: C-11418464 (drawing)
No distribution via Hirschmann Automotive. Please contact supplier directly.	Kostal SLK 2.8: DOC00074173 (drawing)
CAVITY PLUG DIAMETER (ELA & ELB)	Ø 5.18 mm connector cavity
No distribution via Hirschmann Automotive. Please contact supplier directly.	SWS is 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.	NUMBER OF PINS AVAILBALE (PIN OPEN)	COLOR CONTACT CARRIER	PRODUCT NAME
807-833³	2, 3, 6, 7	black	9way Distributor
807-833³	2, 3, 4, 5, 6, 7	black	9way Distributor
807-833³	2, 3, 4, 5, 6, 9	black	9way Distributor
807-833³	2, 3, 4, 5	black	9way Distributor
807-8333	5, 6, 7	black	9way Distributor
807-8333	2, 3, 6, 9	black	9way Distributor
807-8333	3, 4, 5, 6, 7, 8	black	9way Distributor
807-8333	2, 3, 5, 6, 9	black	9way Distributor
807-8333	2, 3, 4, 5, 6, 7, 8	black	9way Distributor
807-8333	3, 4, 5, 6	black	9way Distributor
807-8333	2, 3, 4, 5, 6	black	9way Distributor
807-8333	2, 3, 4, 5, 6, 7, 8, 9	black	9way Distributor
807-8333	2, 3, 4	black	9way Distributor
807-8333	2, 3, 4, 5, 6, 7, 9	black	9way Distributor
807-833³	5, 6, 7, 8	black	9way Distributor
807-833³	2, 3, 4, 5, 7	black	9way Distributor
807-831 ³	-	black	Housing of 9way Distributor

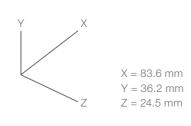
³ On request: OEM restricted; samples available

282 | Potential and Mass-Distributor

13way Distributor

PRODUCT NO.	907-136
TYPE OF PRODUCT	mass distributor
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 805-121/ 806-881/805-198/ 809-173
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
No distribution via Hirschmann Automotive.	

VALIDATION STATUS

PRODUCT SUBGROUP VALIDATION STATUS (Benchmark)

LV214: TK3¹
USCAR2: S2 v S3²
IP-Code: IPx8 / IPx9K²
Flame Resistance: HB

INTERFACE DESCRIPTION OF THE CONNECTOR

MATING PLUG SOCKET INTERFACE DRAWING MATING USCAR PLUG SOCKET INTERFACE DRAWING

872-975-...00 120-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/	NUMBER OF PINS AVAILBALE (PIN OPEN)	CONTACT CARRIER	PRODUCT
PRODUCT NO.		COLOR	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

284 | Passthrough

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

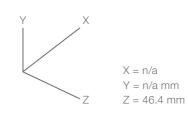
- » passthrough with Harness or as PinHeader version available
- » oiltight solutions available
- » standard interface interchangeable with multiple female housing suppliers
- » patented longitudinally tight sealing system

288 | Passthrough

8way 1.2 Passthrough

PRODUCT NO.	955-151
TYPE OF PRODUCT	passthrough
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





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

Please contact supplier directly.

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

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

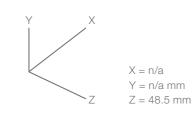
ORDER/	CODING	CONTACT CARRIER	FEATURE AND
PRODUCT NO.		COLOR	ADDITIONAL INFORMATION
855-156-001	A A	black	-

290 | Passthrough

12way 1.2 Passthrough

PRODUCT NO.	806-271
TYPE OF PRODUCT	passthrough
PRODUCT SPECIFICATION	n/a
PROCESS SPECIFICATION	n/a





TECHNICAL PRODUCT INFORMATION

TERMINIAL DI ADE CIZE	1.0
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

Please contact supplier directly.

MATING HIRSCHMANN AUTOMOTIVE PRODUCTS	Connector: 806-360-/ 705-852/812-757/705-853
COMPATIBLE TERMINAL SYSTEM	delivered with preassembled contacts
No distribution via Hirschmann Automotive. Please contact supplier directly.	
CAVITY PLUG DIAMETER (ELA & ELB)	not needed
No distribution via Hirschmann Automotive.	

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

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.	CODING	CONTACT CARRIER COLOR	FEATURE AND ADDITIONAL INFORMATION	
806-271-507	А	black	1 pin to ground (GND) 1 pin unassigned	

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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