

Flush-type connector - SACC-DSIV-MS-5CON-L90 SCO - 1436602

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Sensor/actuator flush-type connector, connector, 5-pos., M12 SPEEDCON, A-coded, rear/screw mounting with M12 thread, with polarity protection, with angled solder connection



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 046356 438674
GTIN	4046356438674
Weight per Piece (excluding packing)	12.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	II

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Technical data

General

Degree of pollution	3
Connection method	Solder pins
Mounting type	Rear mounting M12 x 1 With flat nut

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Standards and Regulations

Flammability rating according to UL 94	V0
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Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Drilling diagram

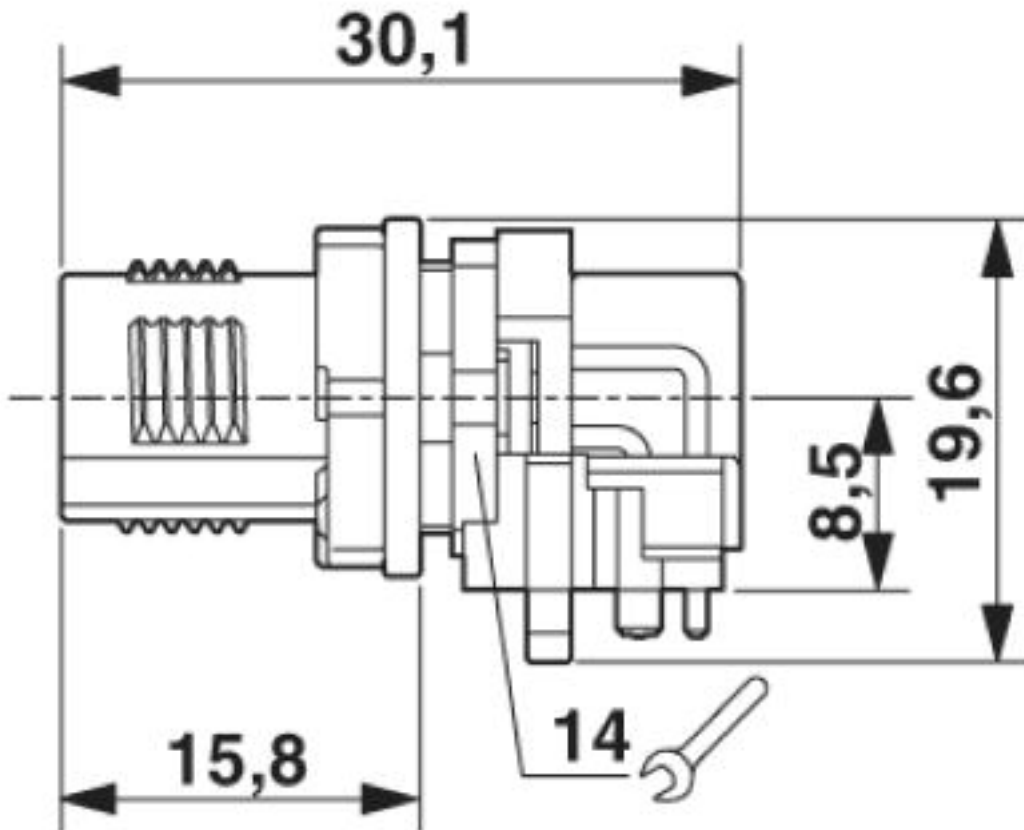
Technical drawing of a mechanical part with dimensions and tolerances:

- Overall width: 15
- Distance from center to right edge: 3,54
- Overall height: 13,61
- Distance from top to center line: 11,07
- Distance from center line to bottom edge: 8,53
- Bottom edge thickness: 2
- Bottom edge width: $5 \times \varnothing 1,2 \pm 0,05$
- Right edge height: 9,8
- Distance from bottom edge to center line: 5,8
- Two holes on the right side with diameters: $\varnothing 2,05^{+0,05}$ and $\varnothing 2,8^{+0,05}$

Drilling diagram

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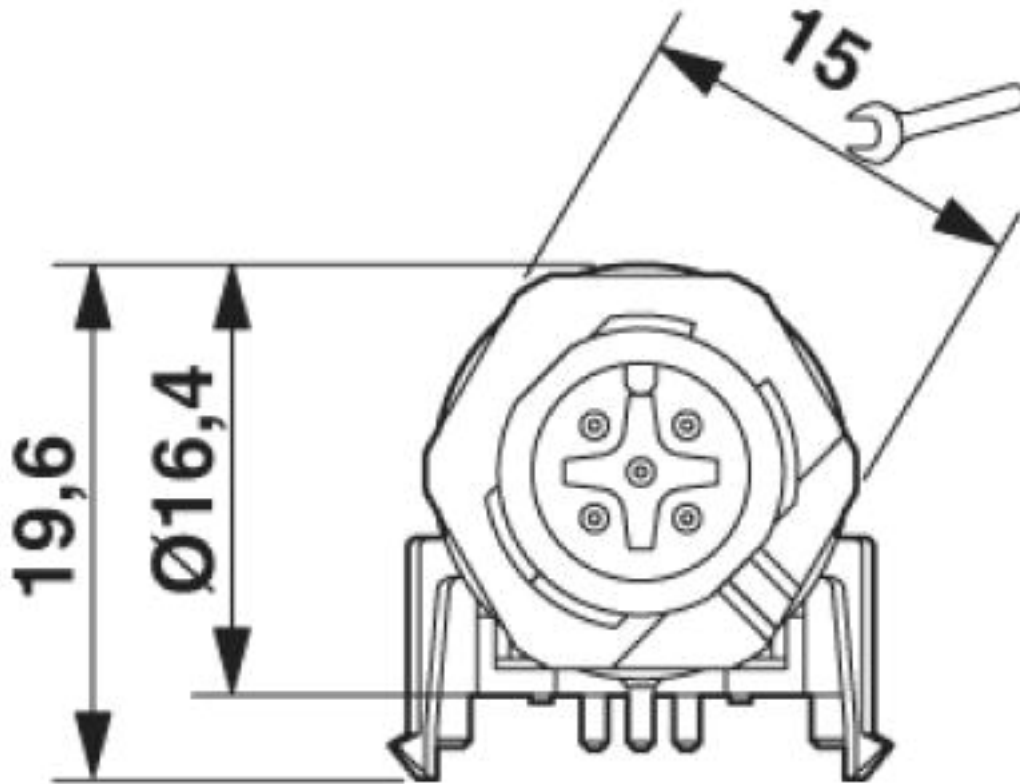
Dimensional drawing



M12 flush-type connector, connector, side view

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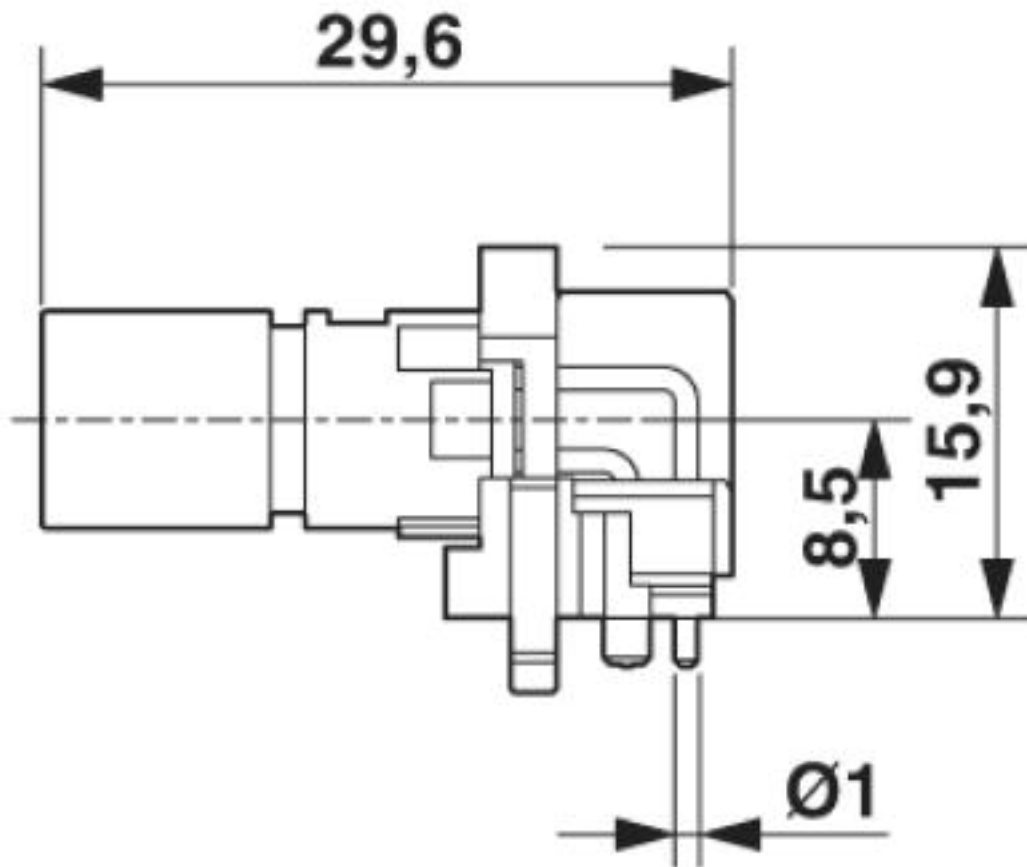
Dimensional drawing



M12 flush-type connector, connector, front view

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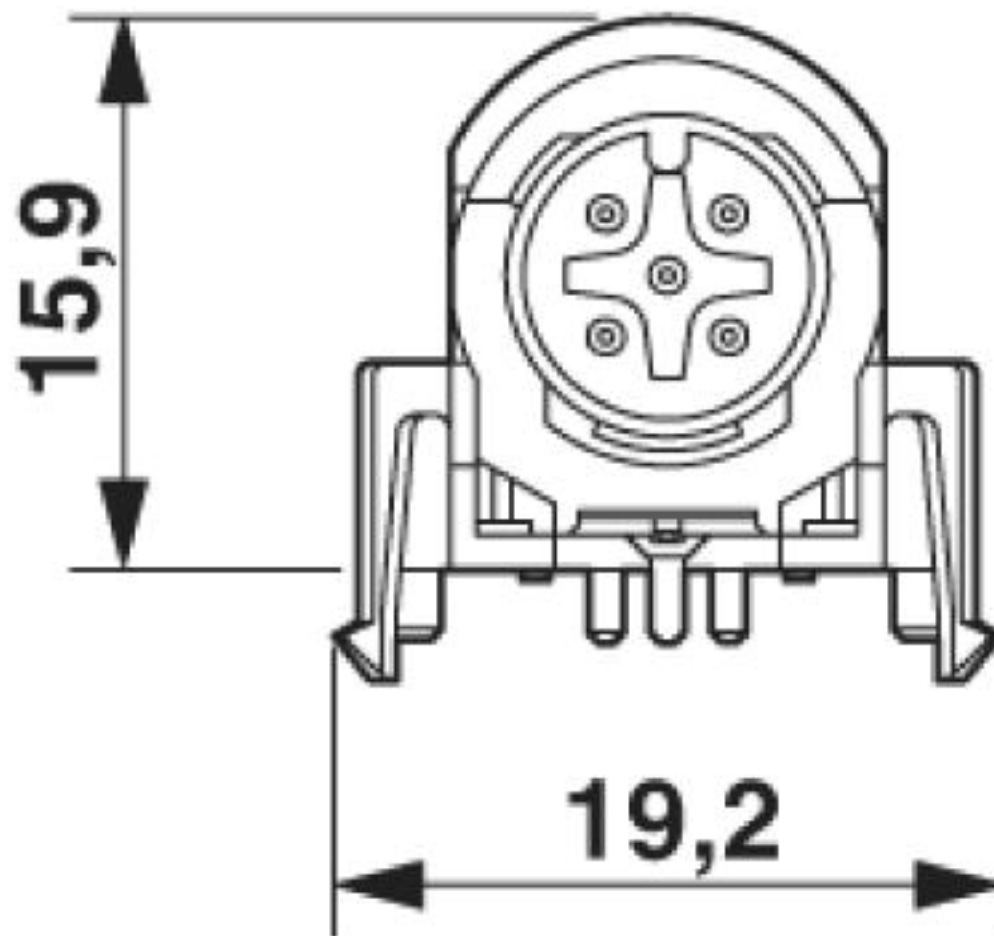
Dimensional drawing



M12 flush-type connector, plug, contact carrier, side view

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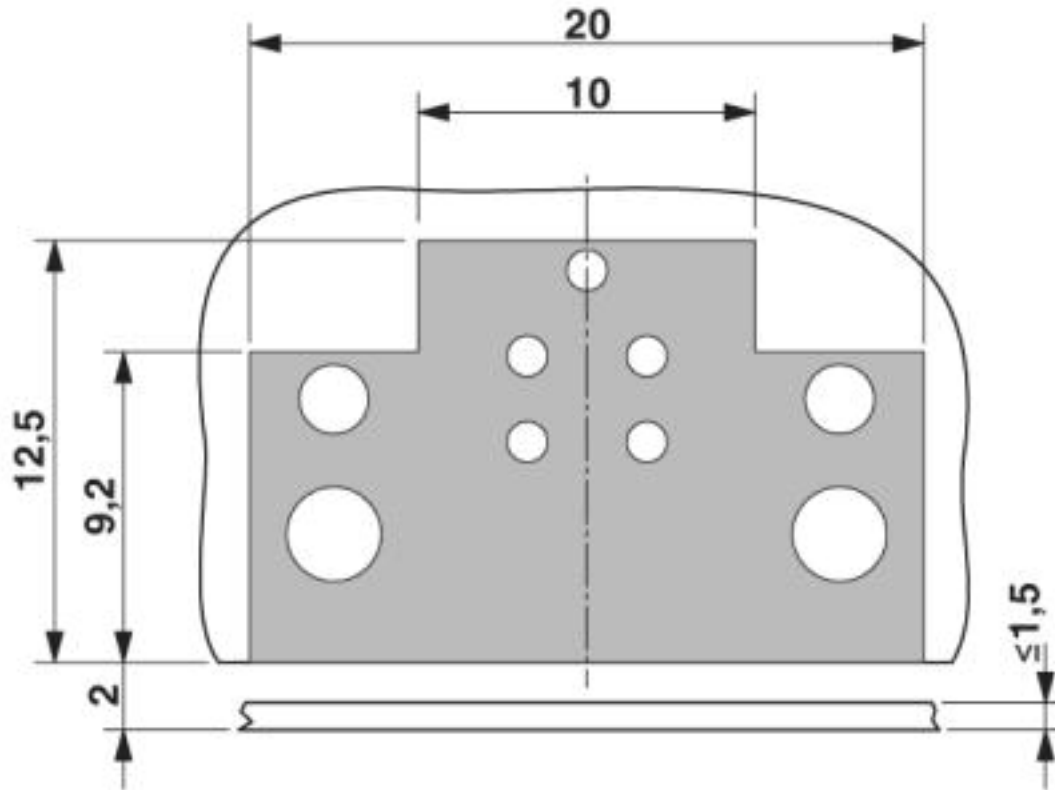
Dimensional drawing



M12 flush-type connector, plug, contact carrier, front view

Flush-type connector - SACC-DSIV-MS-5CON-L90 SCO - 1436602

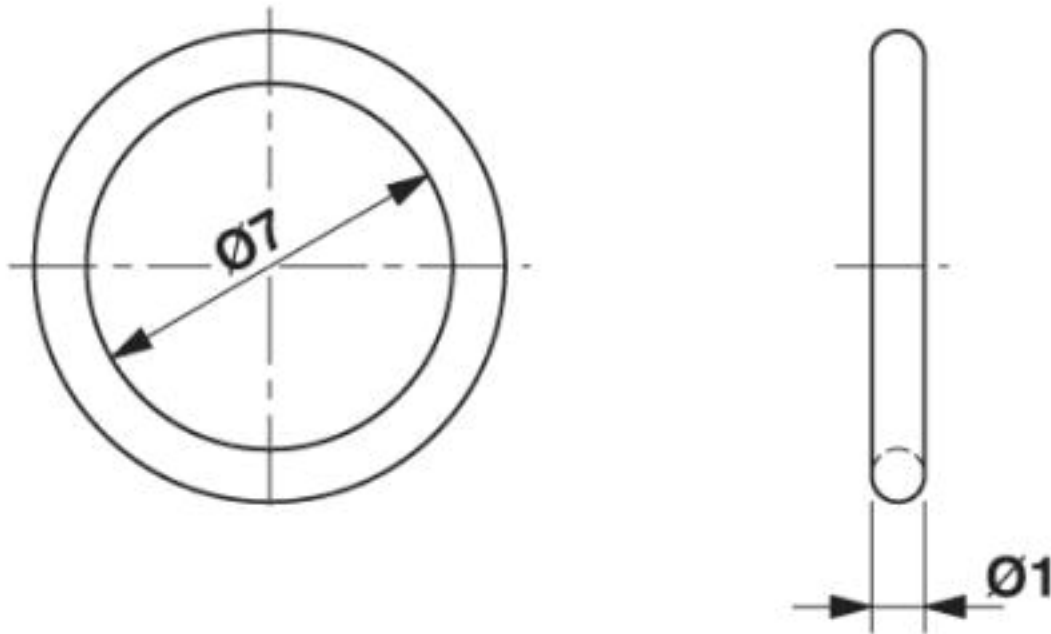
Dimensional drawing



Locked area on the PCB

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Dimensional drawing

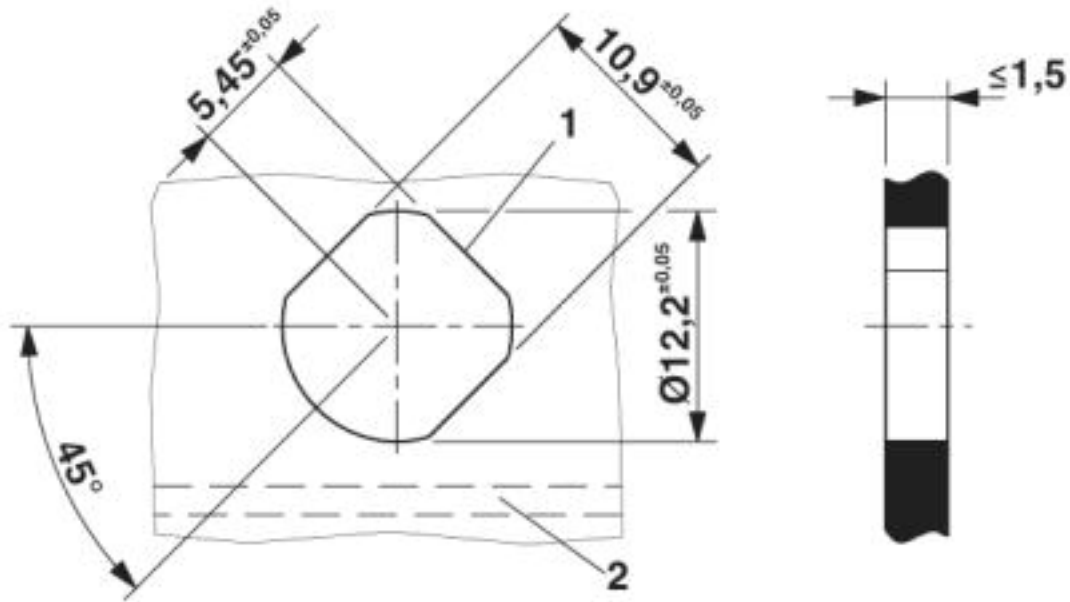


Optionally with O-ring (green) for tight seal when plugged in.

- the axial mating force of 80 N per connector may not be exceeded when using with assembled O-ring!
- Avoid radial forces!

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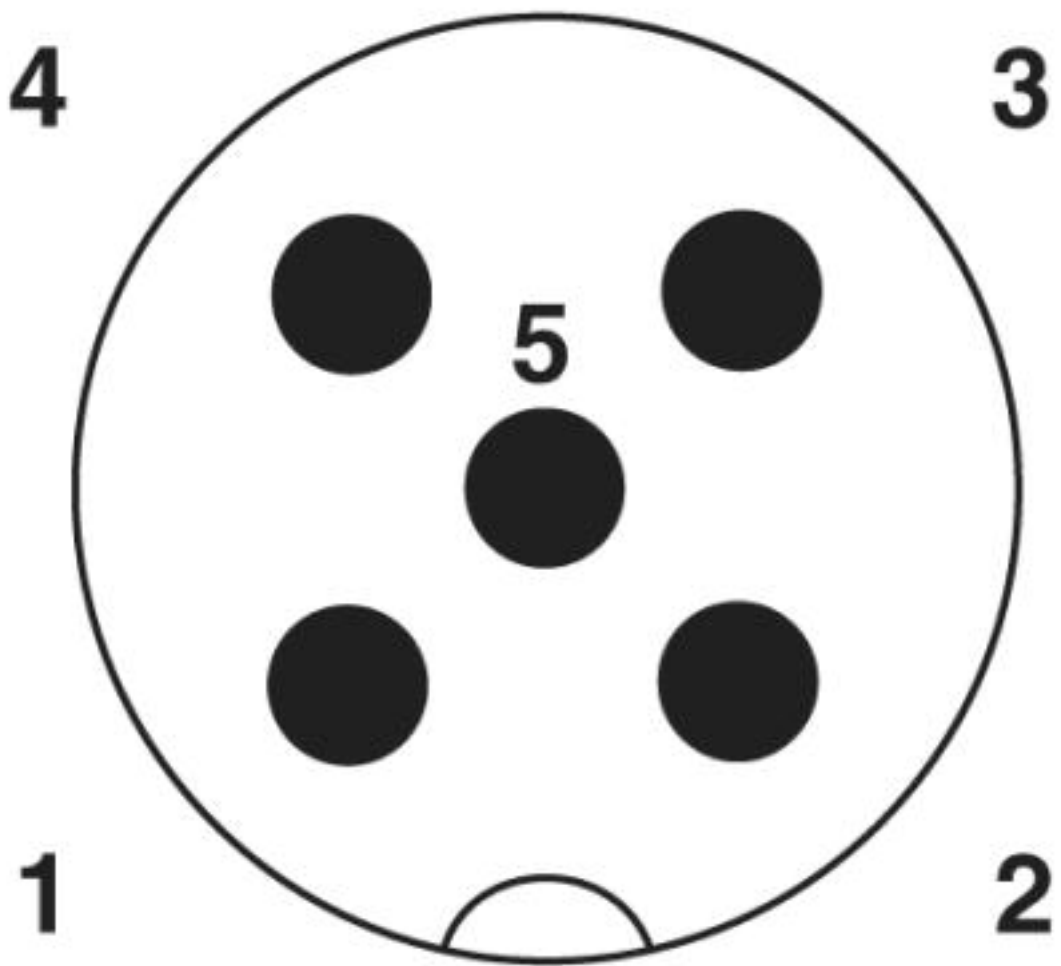
Dimensional drawing



Panel cutout, view from front in case of horizontal PCB (2). The 3rd flat area is optional (1).

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Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103

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Classifications

eCl@ss

eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

Approvals

Approvals

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UL Recognized / EAC

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN	60 V		
Nominal current IN	4 A		
mm²/AWG/kcmil	22		

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Approvals

EAC



B.01742