

Flush-type connector - SACC-CI-M12MS-4P SMD T - 1411924

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Flush-type connector, 4-position, PlugLink:straightLink:M12, A - standard, PCB mounting, SMD

Why buy this product

- Reduced mounting costs thanks to two-piece device connector
- Packaging available for automated pick and place assembly
- All common pin assignments and codings available
- Easy device integration thanks to mechanical port screw connections with threaded attachment, press-in contour or direct integration in the front plate
- Optional shield connection and seal for the device when not plugged in



Key Commercial Data

Packing unit	60 pc
Minimum order quantity	60 pc
GTIN	 4 046356 990028
Weight per Piece (excluding packing)	3.88 g
Custom tariff number	85366990
Note	Made to Order (non-returnable)

Technical data

Ambient conditions

Ambient temperature (operation)	-55 °C ... 105 °C (Plug / socket)
	-55 °C ... 105 °C (without mechanical actuation)
Degree of protection	IP67 (correctly plugged in and locked)

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	4 A

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Technical data

General

Rated voltage	250 V
Rated surge voltage	2.5 kV
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101 In line with
Overvoltage category	II
Degree of pollution	3
Connection method	SMD
Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting
Type of packaging	Tray
Delivery state	with assembly pad

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 5.0	EC002061
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Approvals

Approvals

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EAC / cULus Recognized

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Approvals

Ex Approvals
Approvals submitted

Approval details

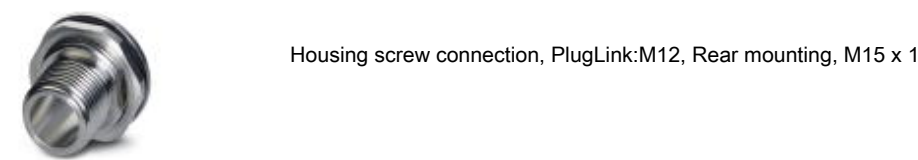
EAC	
cULus Recognized	
Nominal current I _N	4 A
Nominal voltage U _N	250 V

Accessories

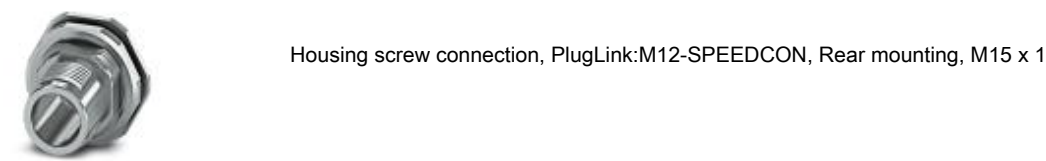
Accessories

Panel mounting base

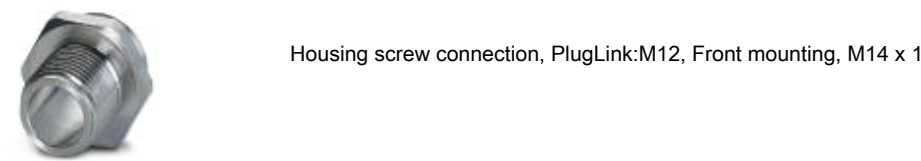
Housing screw connection - SACC-BP-M-M12/M15-6-SMD - 1414000



Housing screw connection - SACC-BP-M-M12/M15-6-SMD SCO - 1414002



Housing screw connection - SACC-FP-M-M12/M14 SMD - 1412078



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Accessories

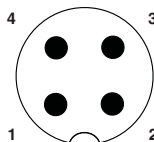
Housing screw connection - SACC-FP-M-M12/PRESS SMD - 1412080



Housing screw connection, pin, for the two-part M12 SMD connector, for press-in mounting.

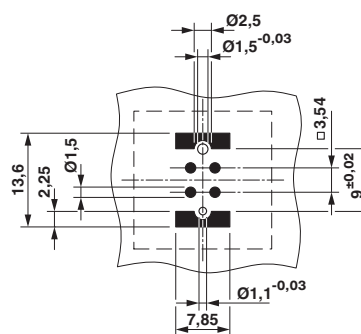
Drawings

Schematic diagram



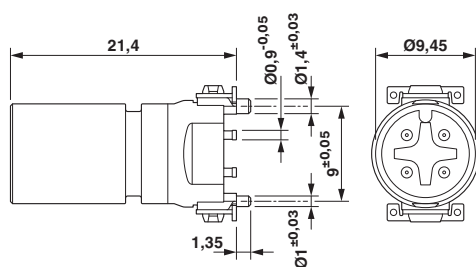
Pin assignment M12 plug, 4-pos., A-coded, view plug side

Drilling diagram



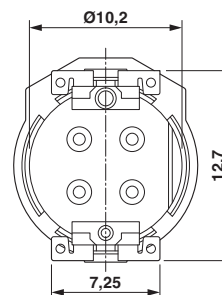
Soldering pad geometry

Dimensional drawing



M12 male connector contact carrier

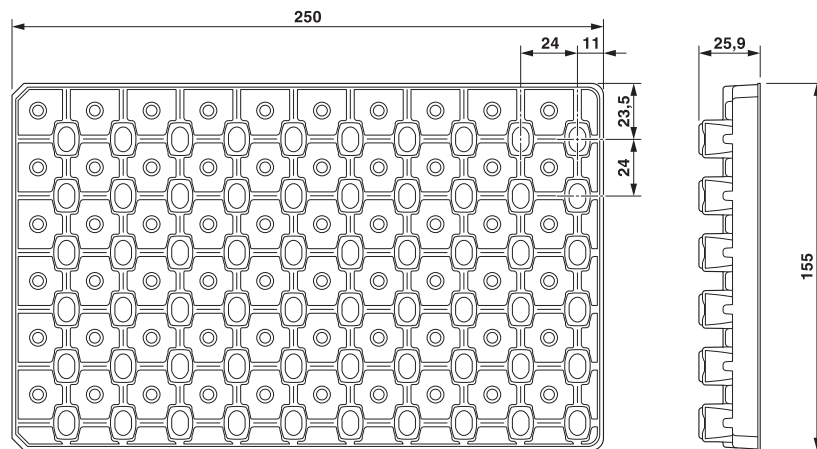
Dimensional drawing



View of solder side

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Dimensional drawing



SMD tray packaging

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