

## Flush-type connector - SACC-CI-M12FS-8P SMD T - 1411915

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Flush-type connector, 8-position, SocketLink:straightLink:M12, A - standard, PCB mounting, SMD



### Key Commercial Data

Packing unit	1
GTIN	4 046356 989176
Custom tariff number	85366990

### 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	2 A
Rated voltage	30 V
Rated surge voltage	0.8 kV
Number of positions	8
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101 In line with
Surge voltage category	III
Pollution degree	3
Connection method	SMD

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### Technical data

#### General

Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting
Type of packaging	Tray

#### Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA

### Classifications

#### eCl@ss

eCl@ss 5.1	27143423
eCl@ss 6.0	27143423

#### ETIM

ETIM 5.0	EC002061
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### Accessories

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##### Panel mounting base

Housing screw connection - SACC-BP-F-M12/M15-6-SMD - 1414021



Housing screw connection, SocketLink:M12, Rear mounting, M15 x 1

Housing screw connection - SACC-BP-F-M12/M15-6-SMD SCO - 1414023



Housing screw connection, SocketLink:M12-SPEEDCON, Rear mounting, M15 x 1

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## Accessories

Housing screw connection - SACC-FP-F-M12/M14 SMD - 1412079



Housing screw connection, SocketLink:M12, Front mounting, M14 x 1

Housing screw connection - SACC-FP-F-M12/PRESS SMD - 1412081



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

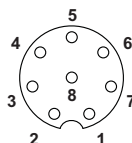
## Drawings

Dimensional  
drawing

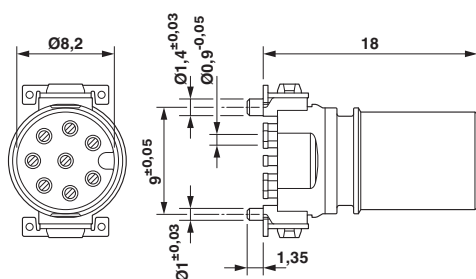
SMD  
tray  
packaging

Pin assignment M12 socket, 8-pos., A-coded, view female side

Schematic diagram

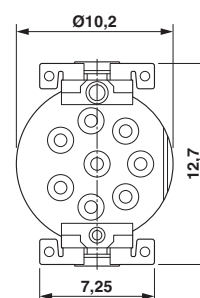


Dimensional drawing



M12 female connector contact carrier

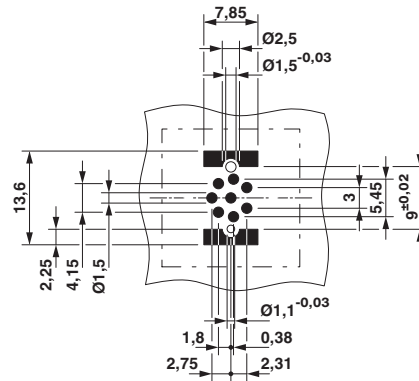
Dimensional drawing



View of solder side

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Drilling diagram



Soldering pad geometry