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Flush-type connector - SACC-CIP-M8FSB-5P SMD SH T - 1412237

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Flush-type connector, Universal, 5-position, SocketLink:straightLink:M8, B-coded, 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
- Additional gasket for the device when not plugged in

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	60 STK
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 105 °C (Plug / socket)
	-40 °C ... 105 °C (without mechanical actuation)
Degree of protection	IP67 (correctly plugged in and locked)
	IP65 (not plugged in, by means of additional O-ring seal with device)

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

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Technical data

General

	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	3 A
Rated voltage	30 V
Number of positions	5
Insulation resistance	≤ 100 MΩ
Coding	B - standard
Standards/regulations	M8 connector IEC 61076-2-104
Signal type/category	Universal
Overvoltage category	II
Connection method	SMD
Mounting type	PCB mounting
Type of packaging	Tray

Material

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

Cable

Standards/specifications	M8 connector IEC 61076-2-104

Standards and Regulations

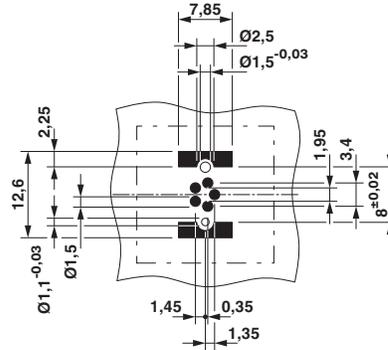|	
Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Flammability rating according to UL 94	V0

Drawings

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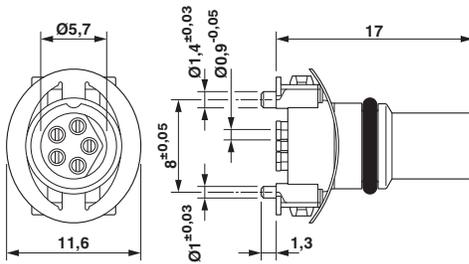# Flush-type connector - SACC-CIP-M8FSB-5P SMD SH T - 1412237

Schematic diagram
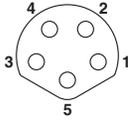
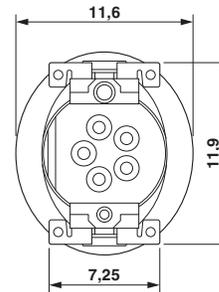Pin assignment of M8 socket, 5-pos., B-coded

Drilling diagram

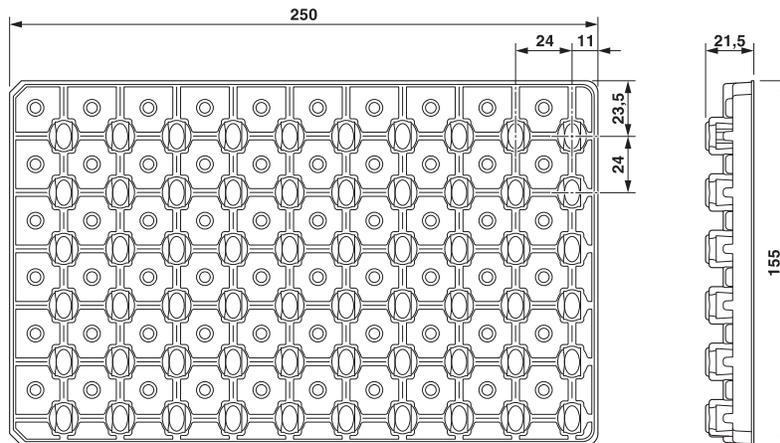Drilling diagram

Dimensional drawing

M8 panel-mount connector, socket, two parts

Dimensional drawing

View of solder side

Dimensional drawing

SMD tray packaging

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Classifications

eCl@ss

eCl@ss 5.1	27143423
eCl@ss 6.0	27279220
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 5.0	EC002061

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

EAC

cULus Recognized	
Nominal current IN	3 A
Nominal voltage UN	30 V

Accessories

Accessories

Contact insert

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Accessories

Sample set - SACC-CIP-M8FSB-5P SMD SH-SP - 1418661

Sample set, Universal, 5-position, SocketLink:straightLink:M8, B-coded, PCB mounting, SMD

Panel mounting base

Housing screw connection - SACC-BP-F-M8/M12 SMD - 1412506

M8 socket, rear mounting

Housing screw connection - SACC-FP-F-M8/M10 SMD - 1412504

M8 socket, front mounting

Housing screw connection - SACC-FP-F-M8/PRESS SMD - 1412501

M8 socket, press-in mounting