

## Flush-type connector - SACC-CI-M8FSB-5P SMD R32 - 1412245

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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



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	100 STK
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Ambient conditions

Ambient temperature (operation)	-25 °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.
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### Technical data

#### General

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	Belt

#### Material

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

#### Cable

Standards/specifications	M8 connector IEC 61076-2-104
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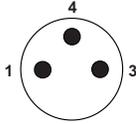
#### Standards and Regulations

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

#### Drawings

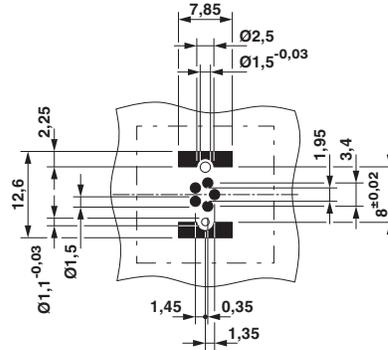
# Flush-type connector - SACC-CI-M8FSB-5P SMD R32 - 1412245

Schematic diagram



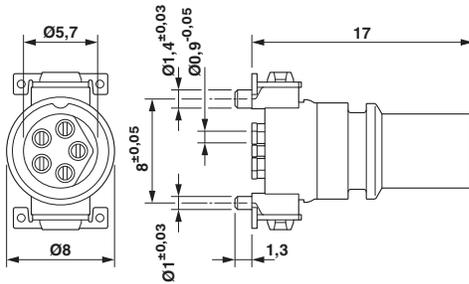
Pin assignment of M8 socket, 5-pos., B-coded

Drilling diagram



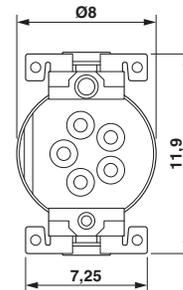
Drilling diagram

Dimensional drawing



M8 panel-mount connector socket, two parts

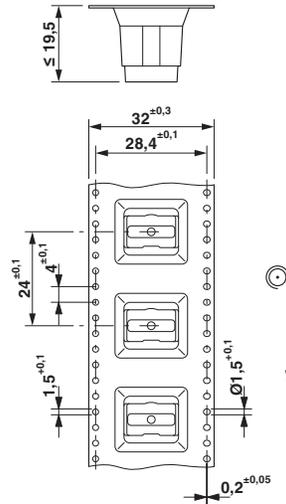
Dimensional drawing



View of solder side

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Dimensional drawing



SMD tape-on-reel packing

## 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
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## Approvals

Approvals

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Approvals

EAC / cULus Recognized

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Ex Approvals

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Approvals submitted

## Flush-type connector - SACC-CI-M8FSB-5P SMD R32 - 1412245

### Approvals

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#### Approval details

EAC
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cULus Recognized	
Nominal current I <sub>N</sub>	3 A
Nominal voltage U <sub>N</sub>	30 V

### Accessories

#### Accessories

##### Panel mounting base

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



M8 socket, rear mounting

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



M8 socket, front mounting

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



M8 socket, press-in mounting

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