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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Flush-type connector - SACC-CIP-M8FSB-5P SMD SH R32 - 1412259

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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	100 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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## Flush-type connector - SACC-CIP-M8FSB-5P SMD SH R32 - 1412259

### 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	Belt

#### 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
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#### Standards and Regulations

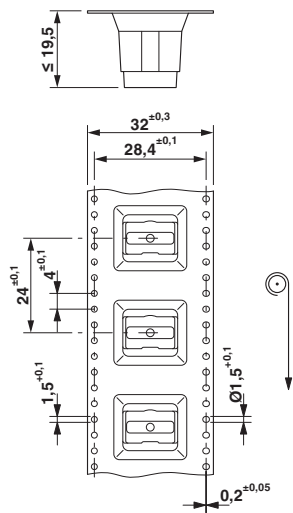
Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Flammability rating according to UL 94	V0

### Drawings

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Flush-type connector - SACC-CIP-M8FSB-5P SMD SH R32 - 1412259

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

Approvals

EAC / cULus Recognized

Ex Approvals

Approvals submitted



## Flush-type connector - SACC-CIP-M8FSB-5P SMD SH R32 - 1412259

### Approvals

#### 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

#### Contact insert

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

## Flush-type connector - SACC-CIP-M8FSB-5P SMD SH R32 - 1412259

### Accessories

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



M8 socket, press-in mounting