

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Flush-type connector, Universal, 5-position, Socket, straight, M8, B-coded, PCB mounting, SMD

Your advantages

- ✓ 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	60 pc
Minimum order quantity	60 pc
GTIN	 4 046356 988797
GTIN	4046356988797
Weight per Piece (excluding packing)	2.990 g
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)

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
------	---

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

Technical data

General

	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

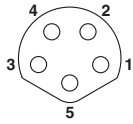
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

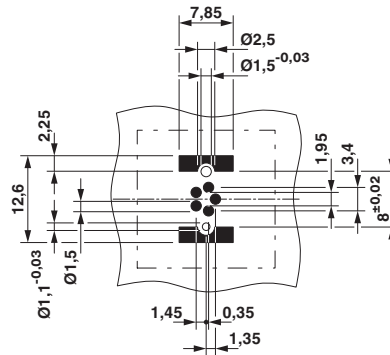
Flush-type connector - SACC-CIP-M8FSB-5P SMD SH T - 1412237

Schematic diagram



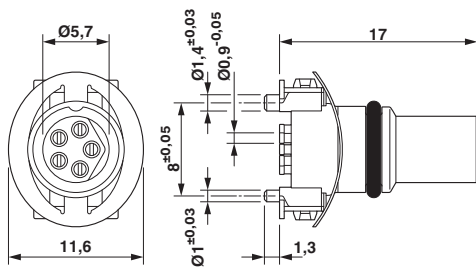
Pin assignment of M8 socket, 5-pos., B-coded

Drilling diagram

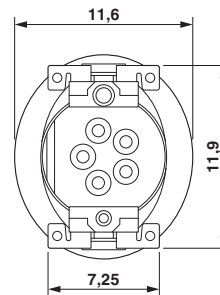


Drilling diagram

Dimensional drawing



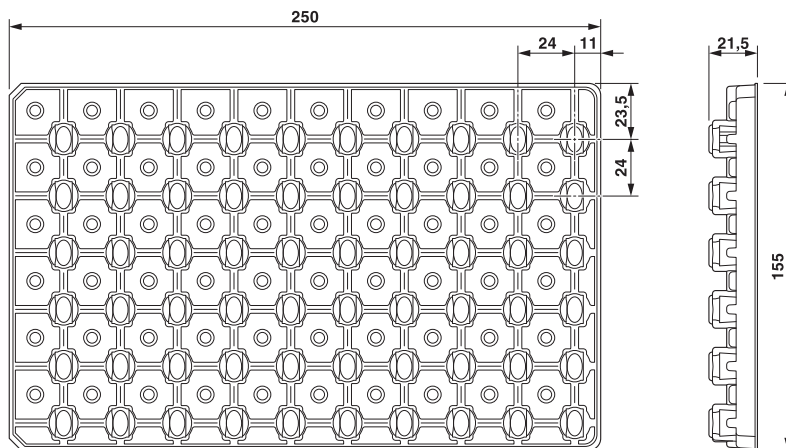
Dimensional drawing



M8 panel-mount connector, socket, two parts

View of solder side

Dimensional drawing



SMD tray packaging

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

Classifications

eCl@ss

eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 13.2	39121413
-------------	----------

Approvals


Approvals


Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

EAC		B.01742
-----	---	---------

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20160506
Nominal voltage UN	30 V	
Nominal current IN	3 A	

Accessories

Accessories

Contact insert

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

Accessories

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



Sample set, Universal, 5-position, Socket, straight, 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 female connector, front mounting SMD with M10 screw fastening

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



M8 socket, press-in mounting
