Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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-CI-M8FSB-5P SMD T - 1412222

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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	60 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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Flush-type connector - SACC-CI-M8FSB-5P SMD T - 1412222

Technical data

General

Rated current at 40°C	3 A
Rated voltage	30 V AC
	30 V DC
Number of positions	5
Insulation resistance	$\leq$ 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

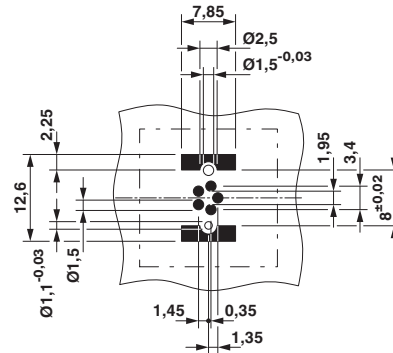| Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Flammability rating according to UL 94	V0

Drawings

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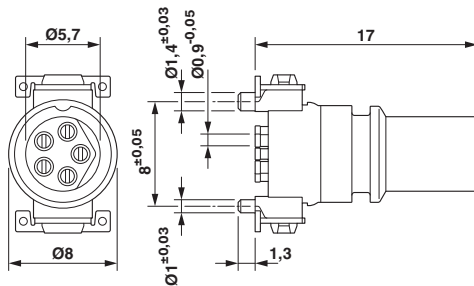# Flush-type connector - SACC-CI-M8FSB-5P SMD T - 1412222

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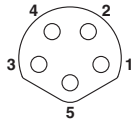
Drilling diagram
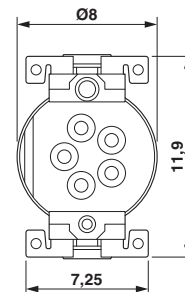
Pin assignment of M8 socket, 5-pos., B-coded

Drilling diagram

Dimensional drawing

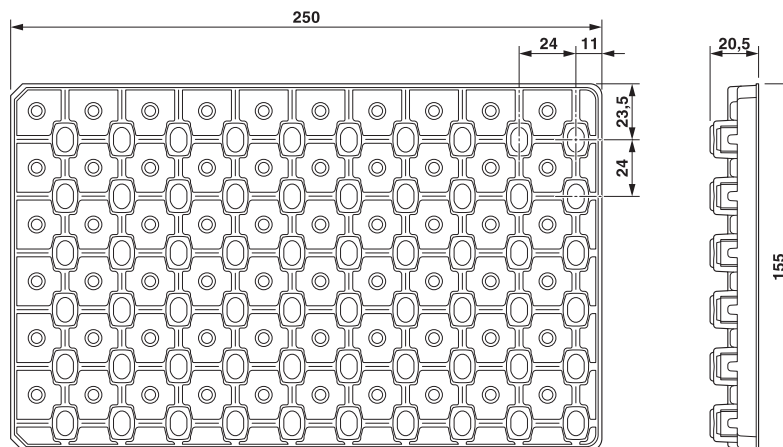Dimensional drawing

M8 panel-mount connector, socket, two parts

View of solder side

Dimensional drawing

SMD tray packaging

Flush-type connector - SACC-CI-M8FSB-5P SMD T - 1412222

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

Panel mounting base

Flush-type connector - SACC-CI-M8FSB-5P SMD T - 1412222

Accessories

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