Flush-type connector - SACC-CIP-M8FS-4P SMD SH T - 1412236

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Flush-type connector, 4-position, Socket, straight, M8, A-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

RoHS

Key Commercial Data

Packing unit	60 pc
Minimum order quantity	60 pc
GTIN	4 046356 988780
GTIN	4046356988780

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 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	48 V AC

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Technical data

General

	60 V DC
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Overvoltage category	II
Connection method	SMD
Insertion/withdrawal cycles	> 100
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

Cable

Standards/specifications	M8 connector IEC 61076-2-104

Standards and Regulations

Standards/specifications	M8 connector 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 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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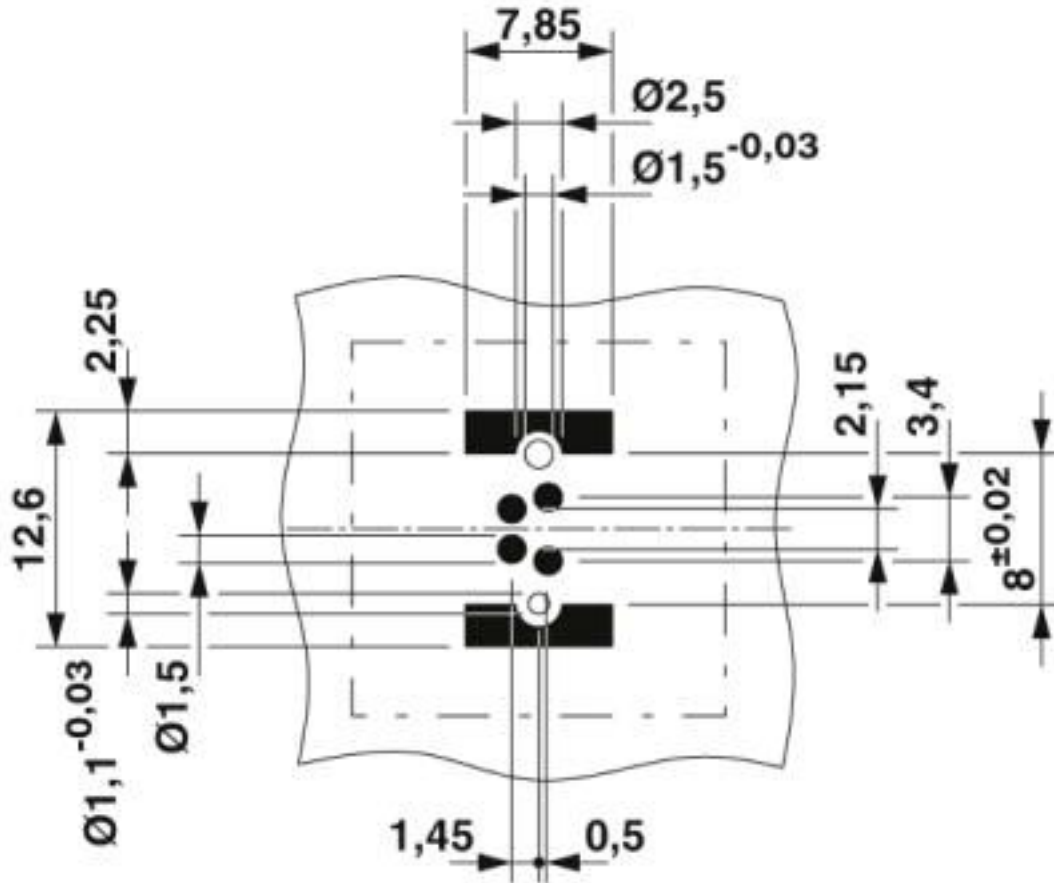
Dimensional drawing
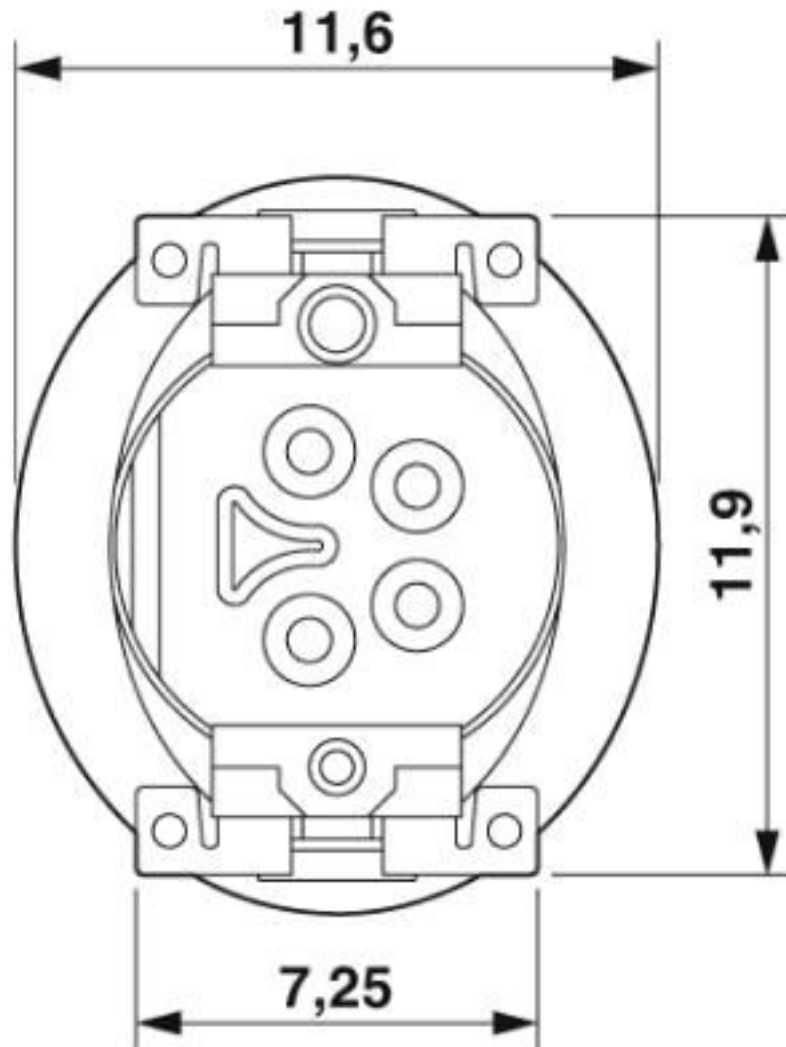
View of solder side

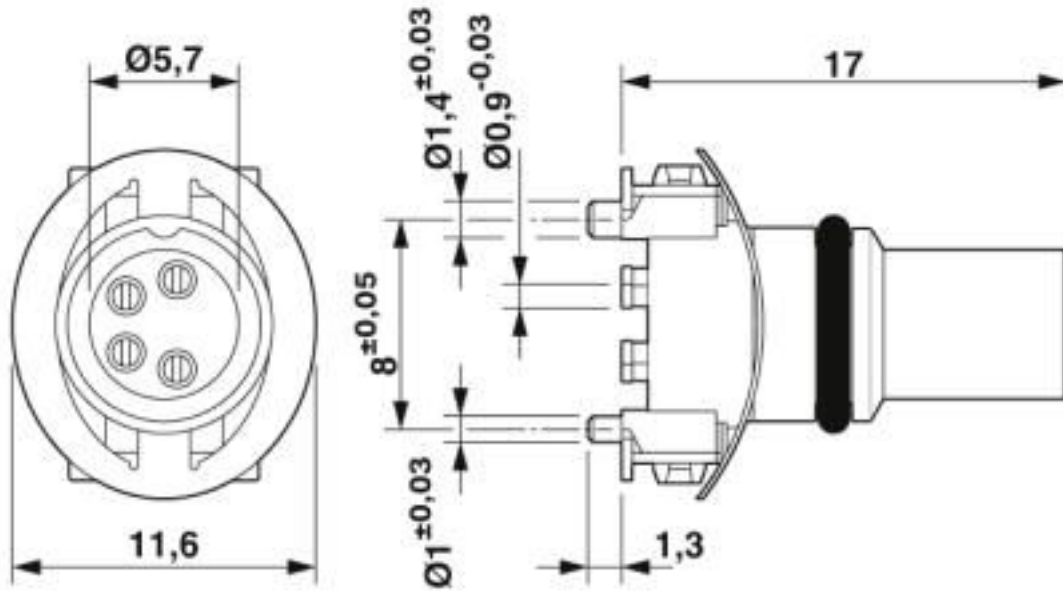# Flush-type connector - SACC-CIP-M8FS-4P SMD SH T - 1412236
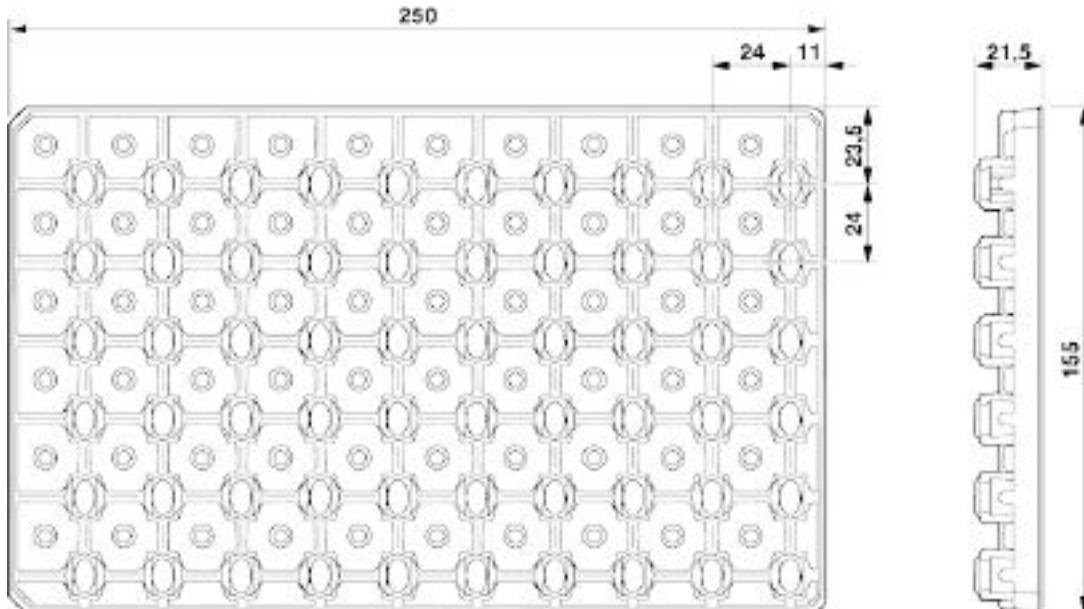
Drilling diagram

Drilling diagram

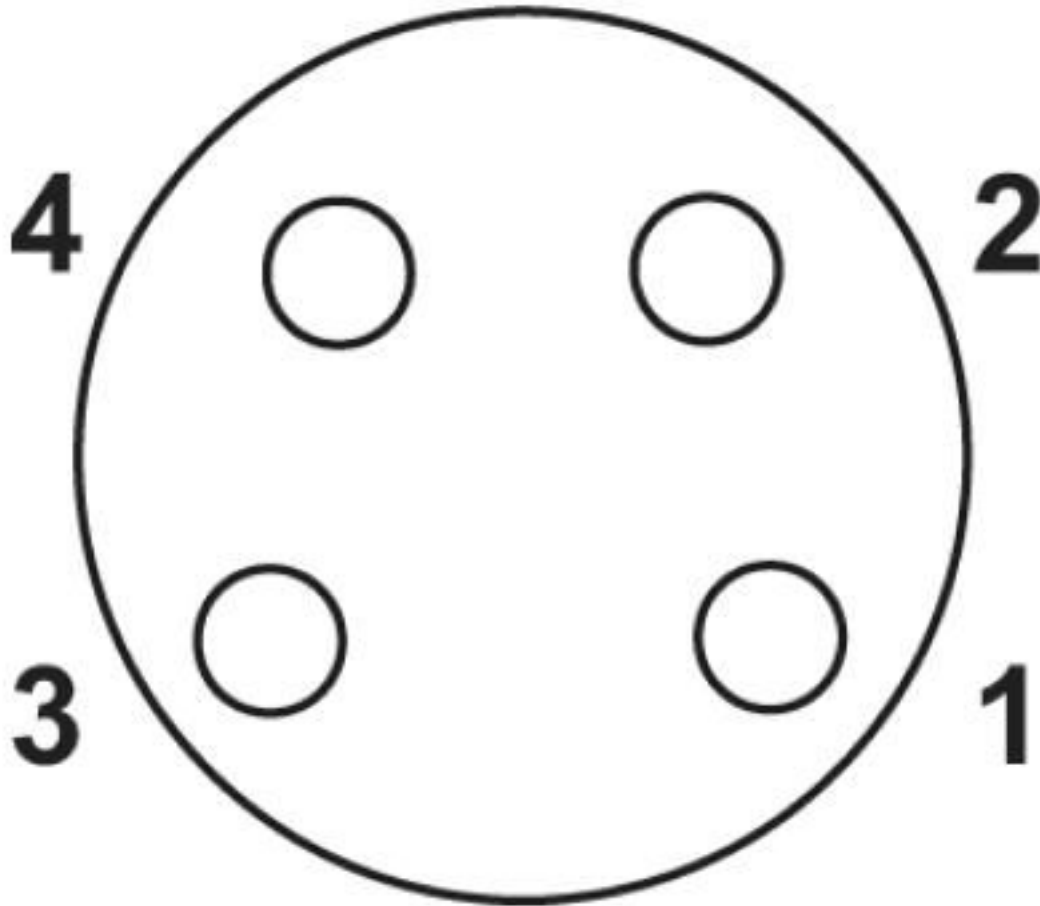# Flush-type connector - SACC-CIP-M8FS-4P SMD SH T - 1412236

Dimensional drawing

Ø5,7

11,6

Ø1,4 ±0,03

Ø0,9 -0,03

8 ±0,05

Ø1 ±0,03

17

1,3

M8 flush-type socket

Dimensional drawing

250

24

11

23,5

24

21,5

155

SMD tray packaging

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Schematic diagram

Pin assignment M8 socket, 4-pos., view female side

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
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

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Classifications

ETIM

ETIM 6.0	EC002061

UNSPSC

UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

EAC	EHC	B.01687

cULus Recognized	c(UL)us	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

Panel mounting base

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

M8 socket, rear mounting

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Accessories

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

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