

Flush-type connector - SACC-CI-M8MS-3P SMD R32 - 1412248

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Flush-type connector, 3-position, Plug, 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
- ✓ Optional shield connection and seal for the device when not plugged in

RoHS

Key Commercial Data

Packing unit	100 pc
Minimum order quantity	100 pc
GTIN	 4 046356 988896
GTIN	4046356988896

Technical data

Ambient conditions

Ambient temperature (operation)	-55 °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.
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	3
Insulation resistance	$\leq 100 \text{ M}\Omega$
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	Belt
Delivery state	with assembly pad

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

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

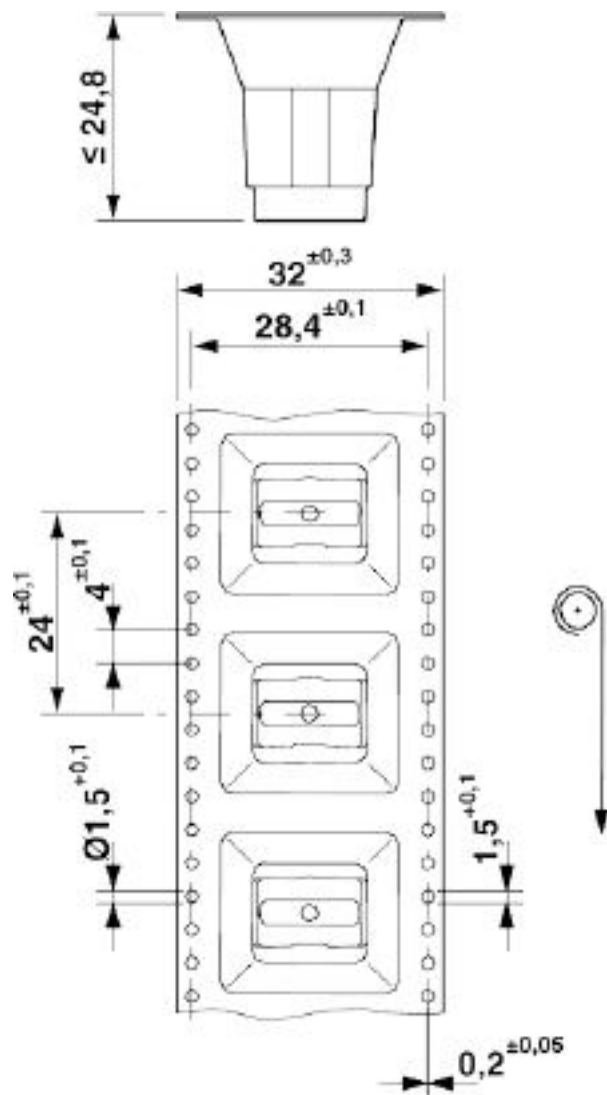
Environmental Product Compliance

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

Flush-type connector - SACC-CI-M8MS-3P SMD R32 - 1412248

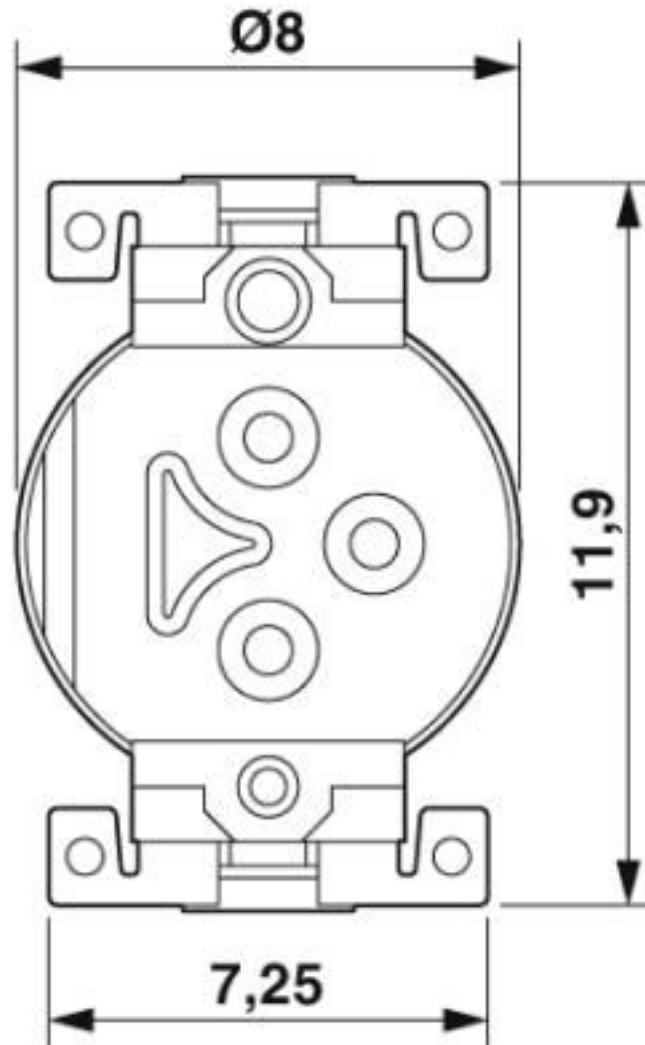
Dimensional drawing



SMD tape-on-reel packing

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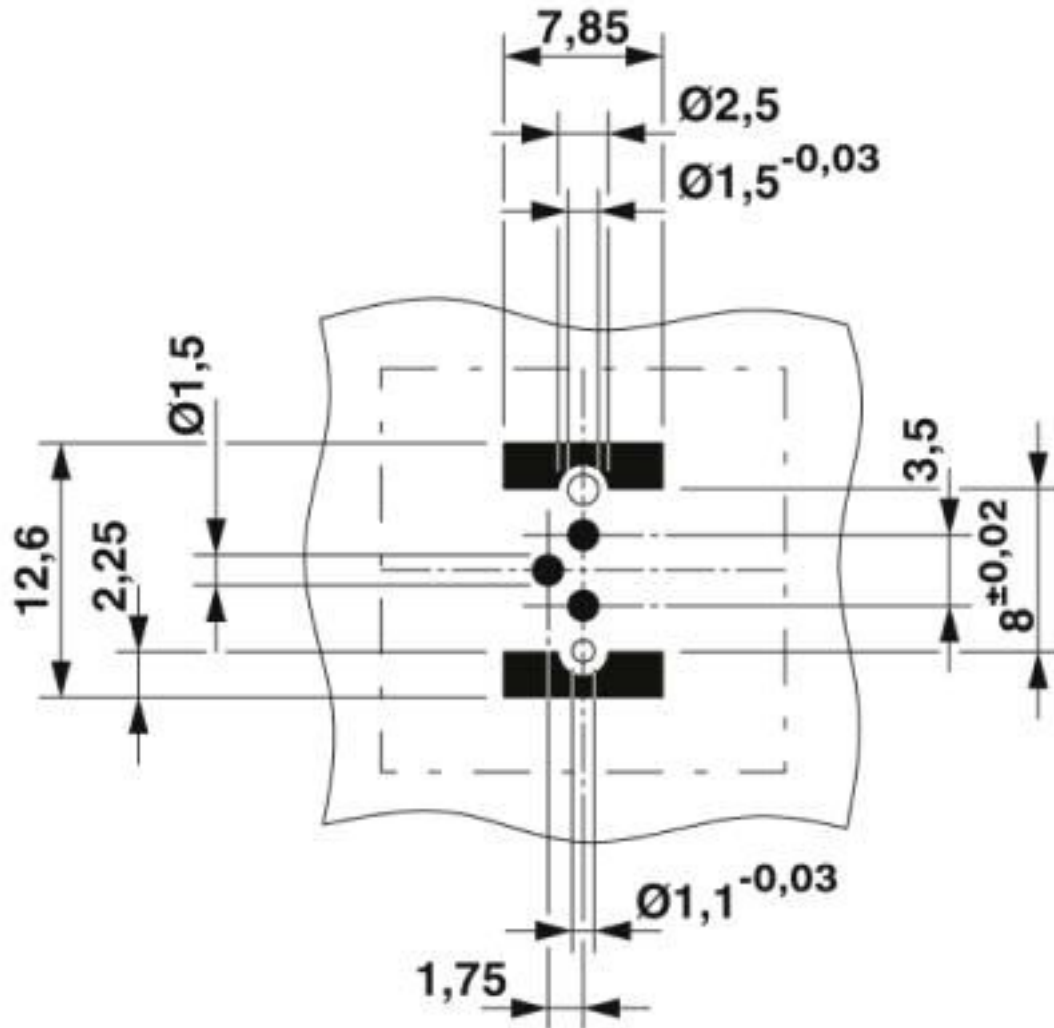
Dimensional drawing



View of solder side

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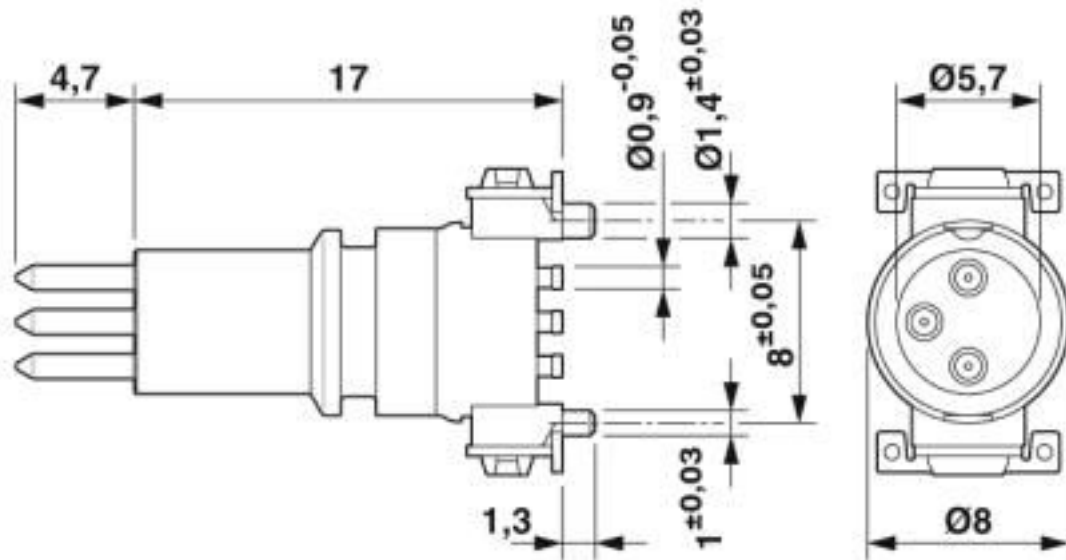
Drilling diagram



Soldering pad geometry

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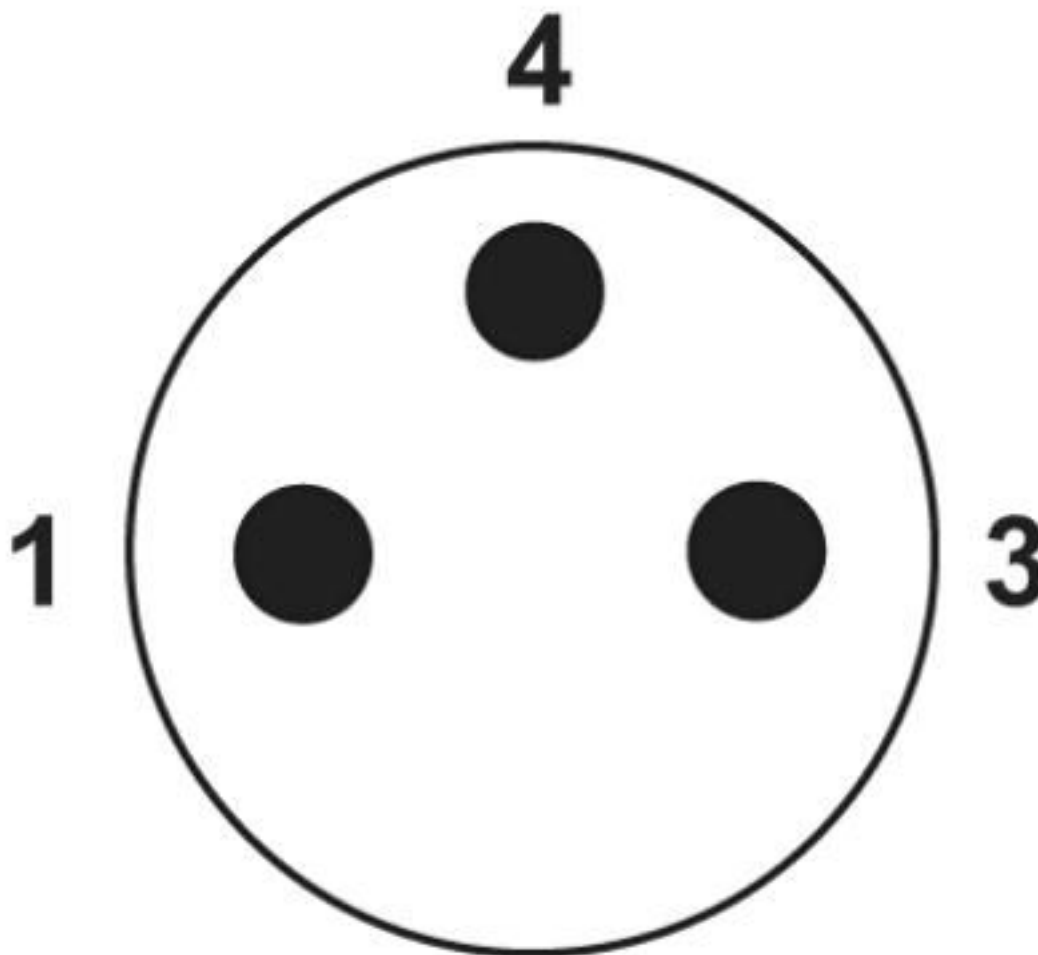
Dimensional drawing



M8 flush-type plug

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Schematic diagram



Pin assignment M8 plug, 3-pos., view male 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

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Classifications

ETIM

ETIM 5.0	EC002061
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		B.01687
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E221474-20160506
Nominal voltage UN	60 V	
Nominal current IN	3 A	

Accessories

Accessories

Panel mounting base

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Accessories

Housing screw connection - SACC-BP-M-M8/M12 SMD - 1412505



M8 pin, rear mounting

Housing screw connection - SACC-FP-M-M8/M10 SMD - 1412502



M8 pin, front mounting SMD with M10 screw fastening

Housing screw connection - SACC-FP-M-M8/PRESS SMD - 1412500



M8 pin, press-in mounting

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