PHŒNIX CONTACT

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

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, 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	1 pc
Minimum order quantity	100 pc
GTIN	4 046356 988896
GTIN	4046356988896
Weight per Piece (excluding packing)	5.800 g
Custom tariff number	85366990
Country of origin	Germany

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)

PHŒNIX CONTACT

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

Technical data

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
	60 V DC
Number of positions	3
Insulation resistance	$\leq$ 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	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

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

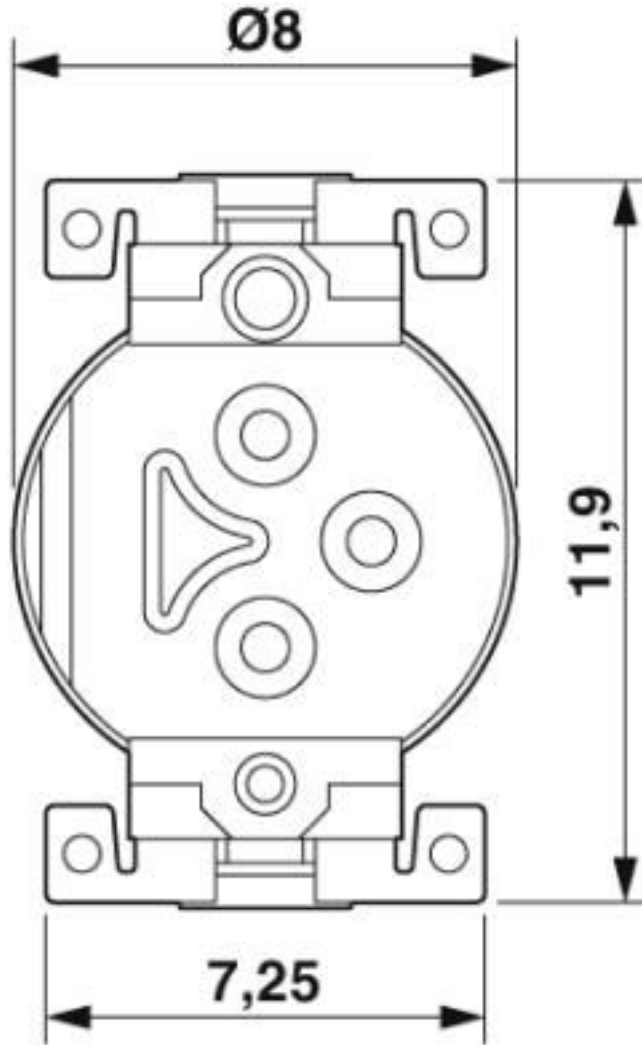# Flush-type connector - SACC-CI-M8MS-3P SMD R32 - 1412248
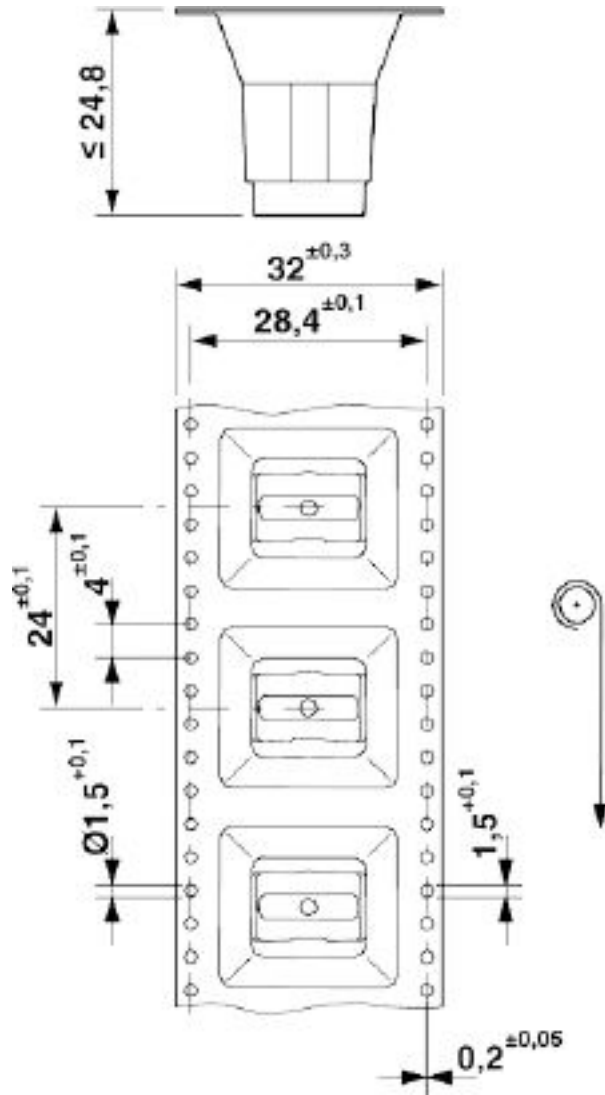
Dimensional drawing

SMD tape-on-reel packing
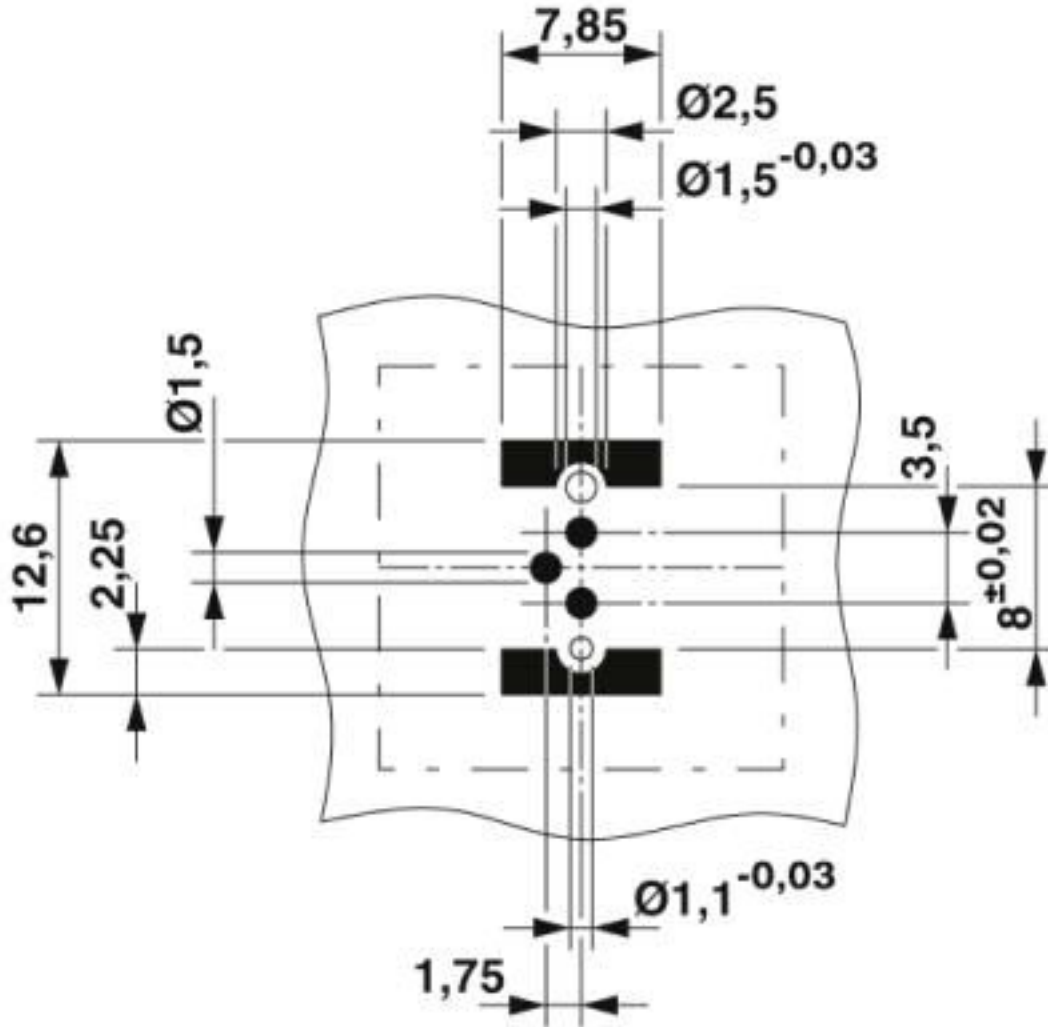
PHŒNIX CONTACT

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

Dimensional drawing

Ø8

11,9

7,25

View of solder side

PHŒNIX CONTACT

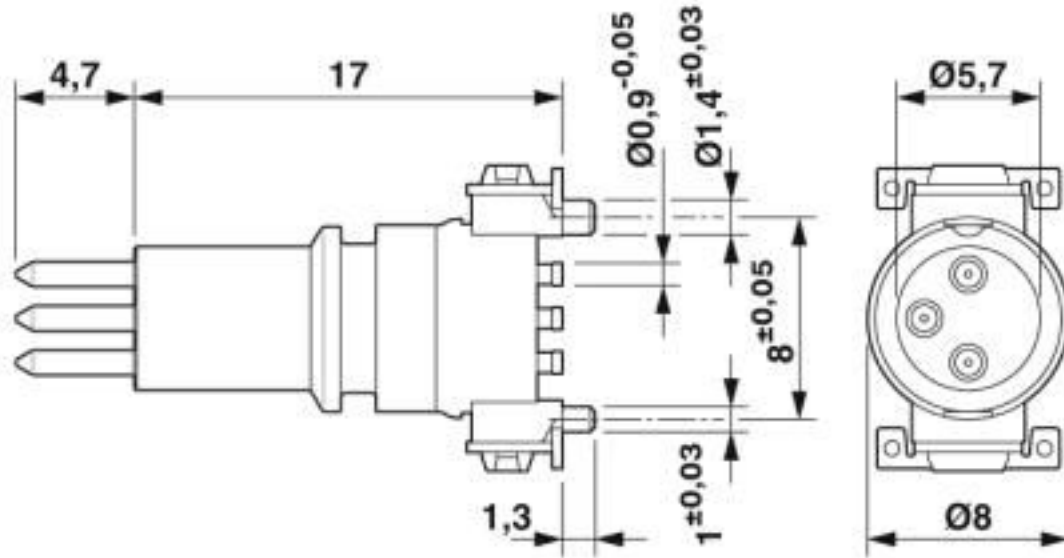# Flush-type connector - SACC-CI-M8MS-3P SMD R32 - 1412248

Drilling diagram

Soldering pad geometry

PHŒNIX CONTACT

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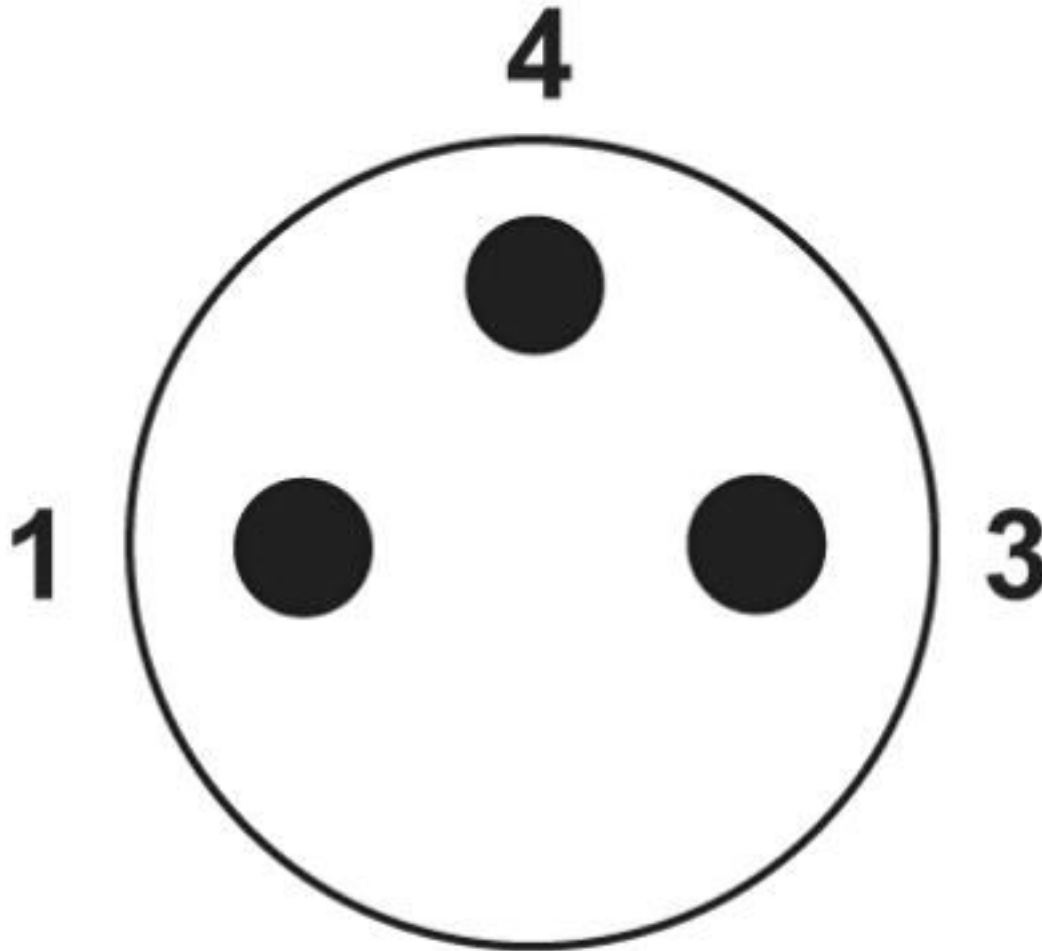
Dimensional drawing

M8 flush-type plug

PHŒNIX CONTACT

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

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

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

Classifications

eCl@ss

eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

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	EHC		B.01687

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		

PHŒNIX CONTACT

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

Accessories

Accessories

Panel mounting base

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