

# Flush-type connector - SACC-CI-M8MS-3P SMD T - 1412225

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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

## Key Commercial Data

Packing unit	60 pc
Minimum order quantity	60 pc
GTIN	 4 046356 988292
GTIN	4046356988292

## 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	≤ 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
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

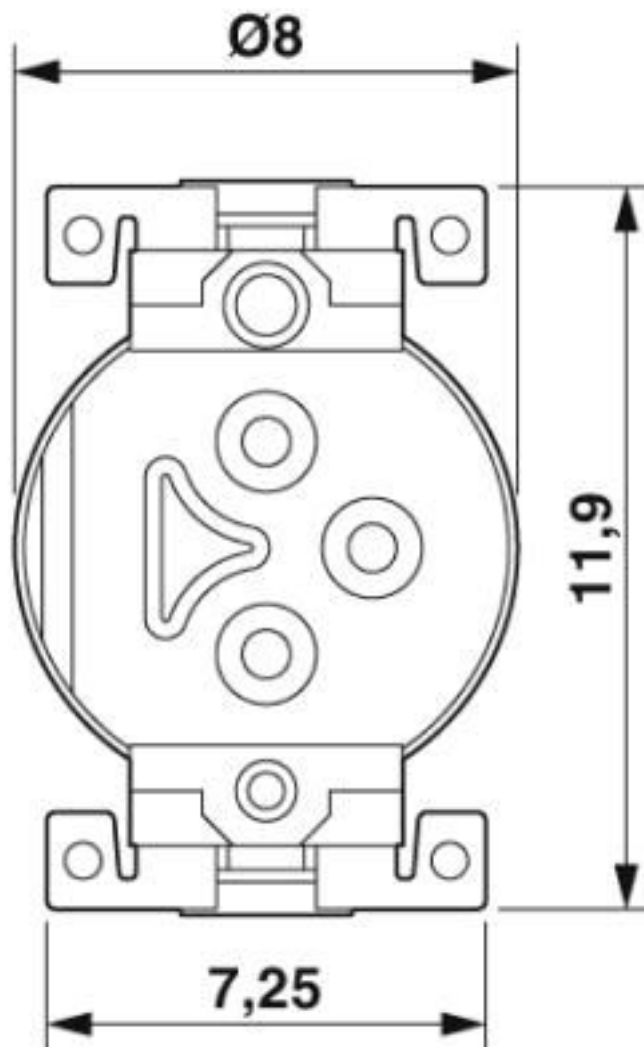
### Environmental Product Compliance

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 T - 1412225

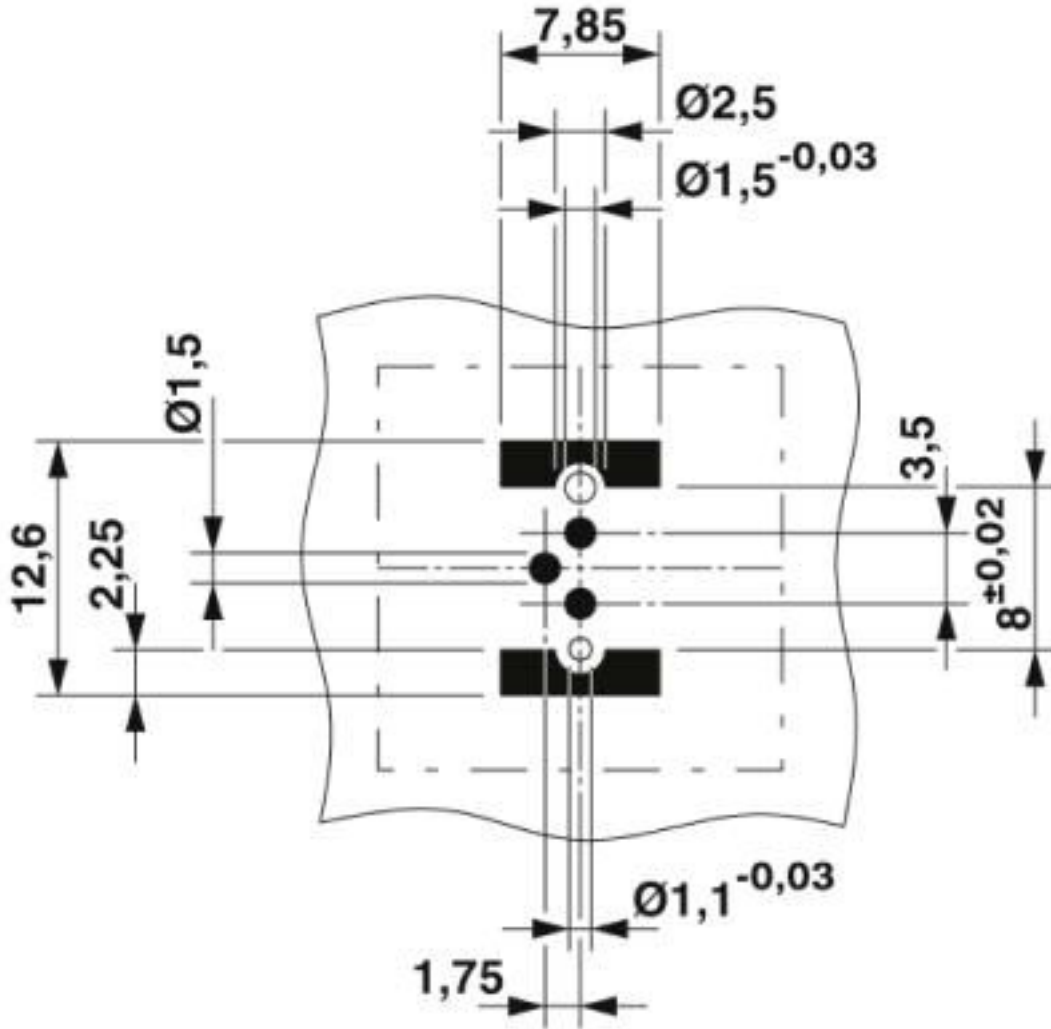
Dimensional drawing



View of solder side

# Flush-type connector - SACC-CI-M8MS-3P SMD T - 1412225

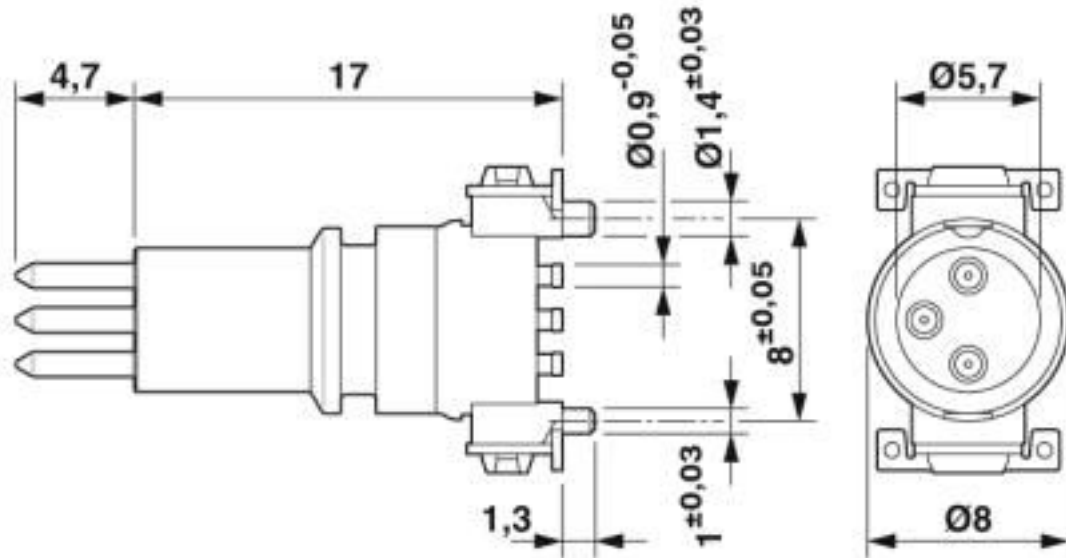
Drilling diagram



Soldering pad geometry

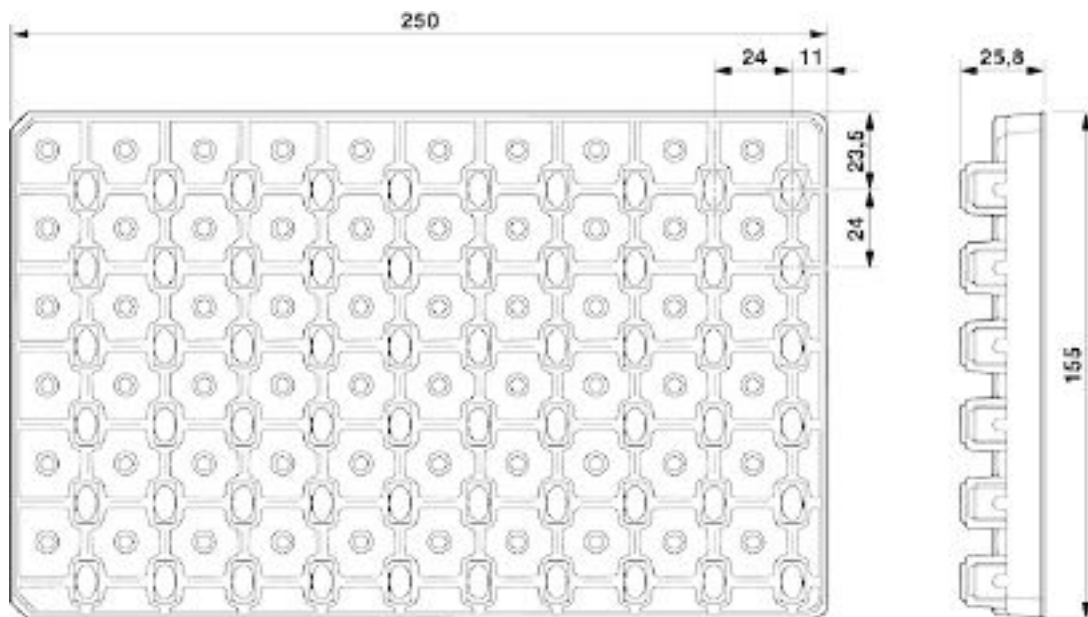
# Flush-type connector - SACC-CI-M8MS-3P SMD T - 1412225

Dimensional drawing



M8 flush-type plug

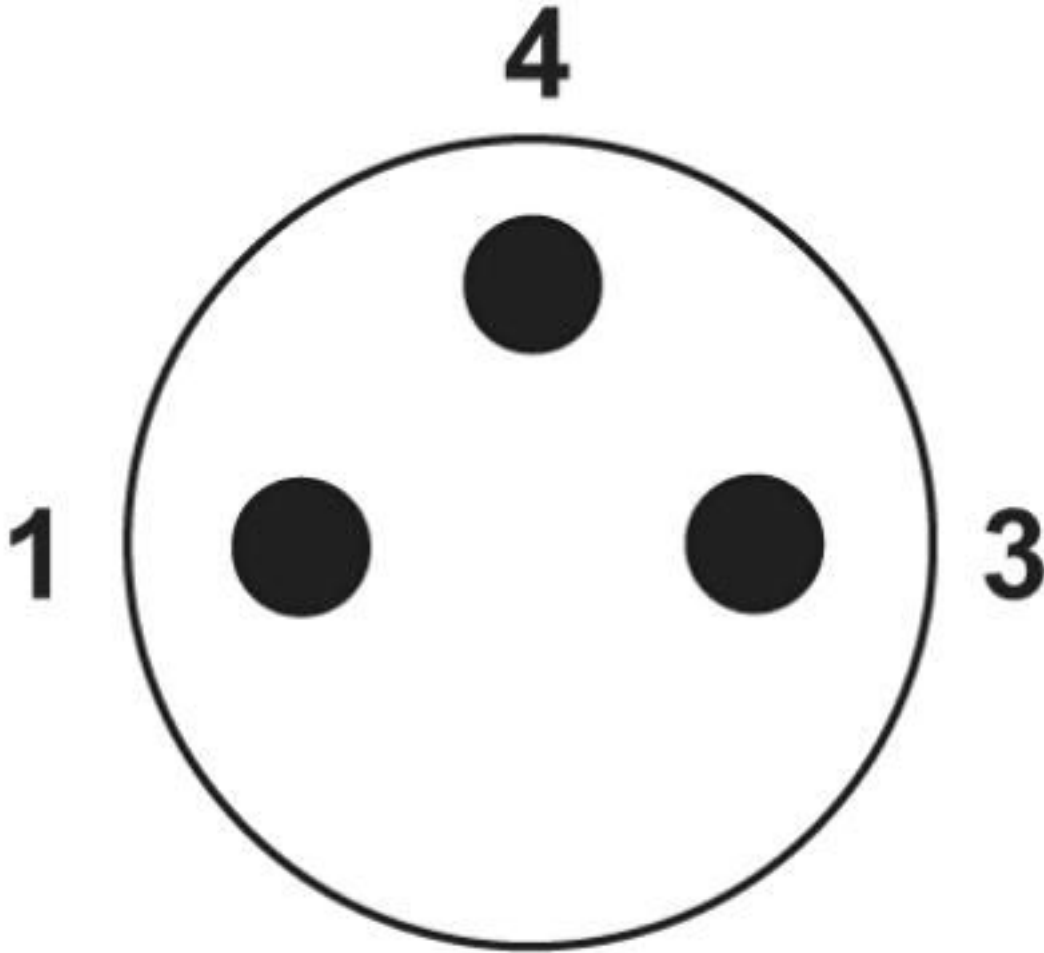
Dimensional drawing



SMD tray packaging

# Flush-type connector - SACC-CI-M8MS-3P SMD T - 1412225

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		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E221474-20160506
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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

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



M8 pin, front mounting SMD with M10 screw fastening

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



M8 pin, press-in mounting

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



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