

## Flush-type connector - SACC-CI-M8MS-4P SMD T - 1412226

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, 4-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	60 pc
GTIN	 4 046356 988346
GTIN	4046356988346
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)

#### General

# Flush-type connector - SACC-CI-M8MS-4P SMD T - 1412226

## 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	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
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

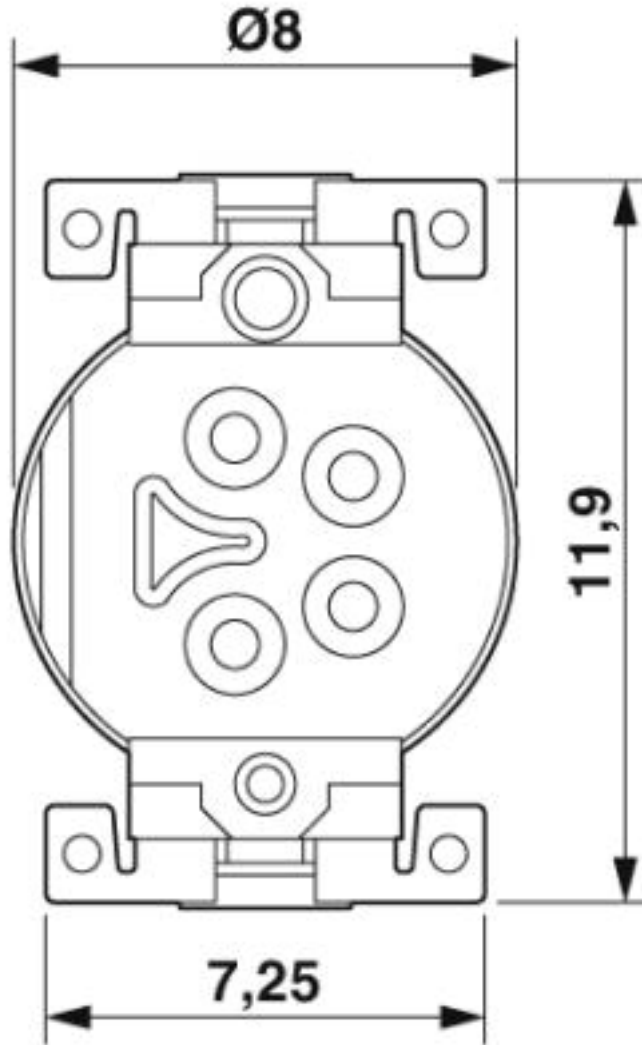
### Environmental Product Compliance

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-4P SMD T - 1412226

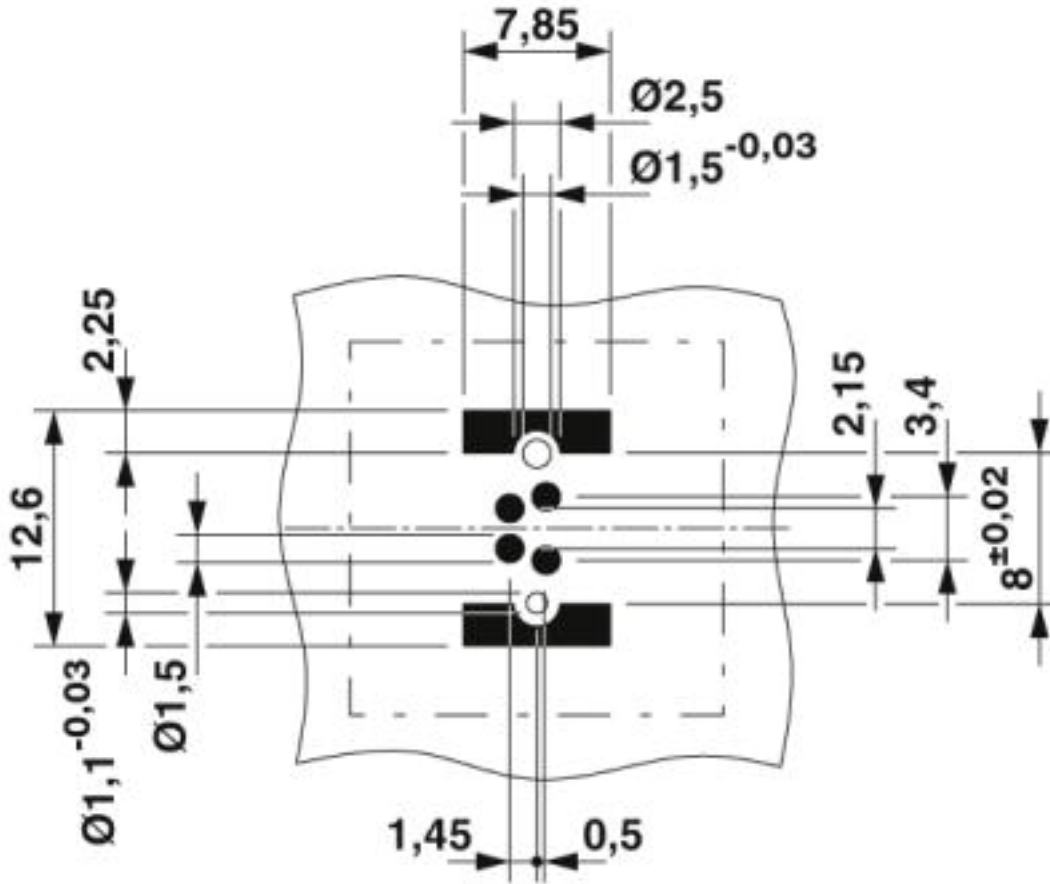
Dimensional drawing



View of solder side

# Flush-type connector - SACC-CI-M8MS-4P SMD T - 1412226

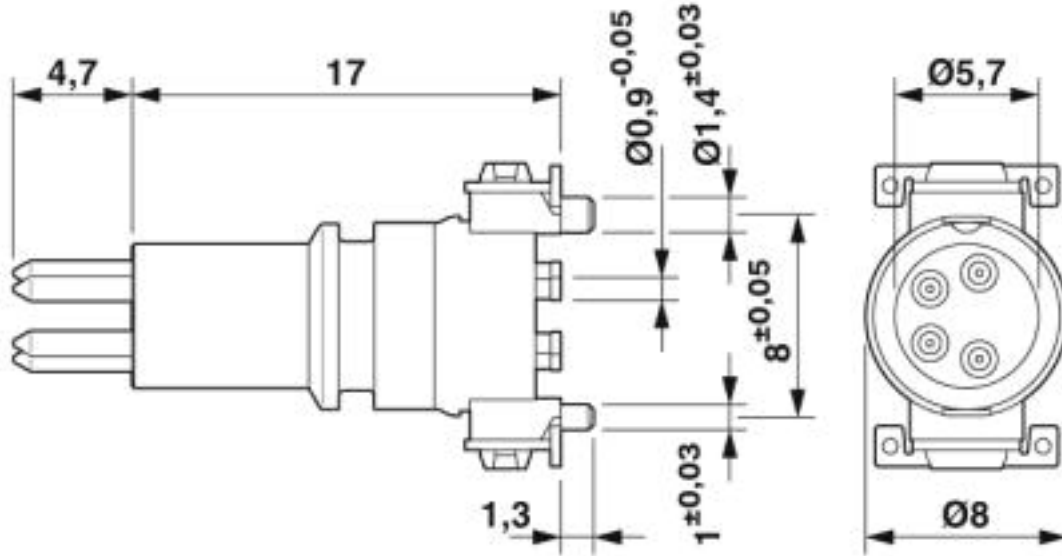
Drilling diagram



Drilling diagram

# Flush-type connector - SACC-CI-M8MS-4P SMD T - 1412226

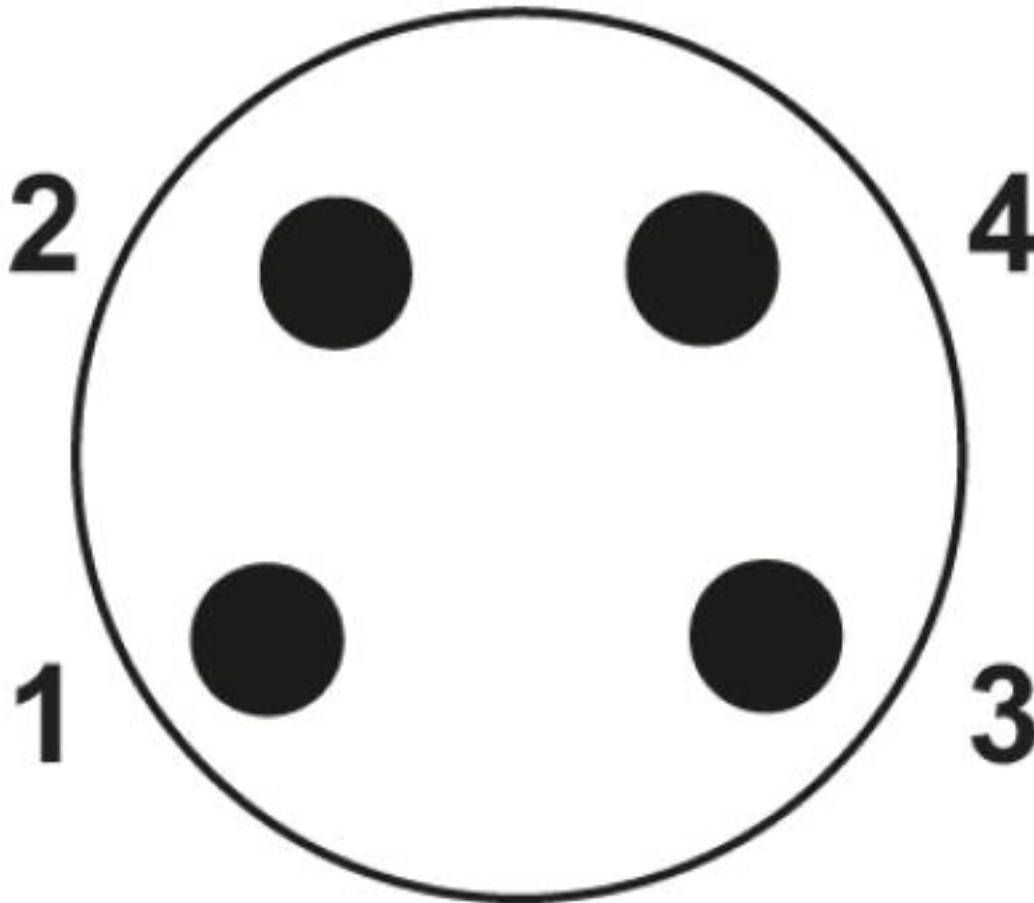
Dimensional drawing



M8 flush-type plug

# Flush-type connector - SACC-CI-M8MS-4P SMD T - 1412226

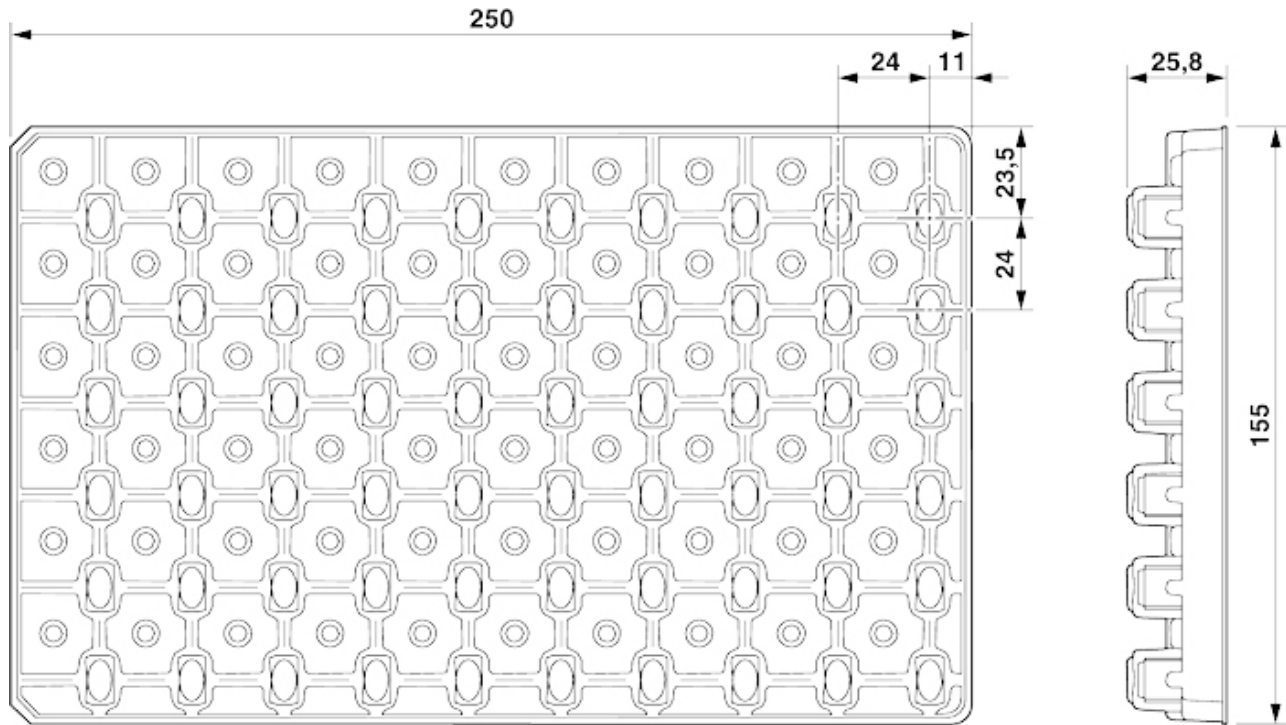
Schematic diagram



Pin assignment M8 plug, 4-pos., view male side

# Flush-type connector - SACC-CI-M8MS-4P SMD T - 1412226

Dimensional drawing



SMD tray packaging

## 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

# Flush-type connector - SACC-CI-M8MS-4P SMD T - 1412226

## Classifications

### eCl@ss

eCl@ss 7.0	27440103
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		B.01687
-----	---	---------

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	E221474-20160506
Nominal voltage UN	30 V		
Nominal current IN	3 A		

## Flush-type connector - SACC-CI-M8MS-4P SMD T - 1412226

### 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

---

---