PHŒNIX CONTACT

Flush-type connector - SACC-CI-M12MS-17P SMD T - 1411930

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Flush-type connector, 17-position, PlugLink:straightLink:M12, A-coded, PCB mounting, SMD

Key Commercial Data

Packing unit	1
GTIN	4 046356 990080
Custom tariff number	85366990

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	1.5 A
Rated voltage	30 V
Rated surge voltage	0.8 kV
Number of positions	17
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101 In line with
Surge voltage category	III
Pollution degree	3
Connection method	SMD

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Technical data

General

Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting
Type of packaging	Tray

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA

Classifications

eCl@ss

eCl@ss 5.1	27143423
eCl@ss 6.0	27143423

ETIM

ETIM 5.0	EC002061

Accessories

Accessories

Panel mounting base

Housing screw connection - SACC-BP-M-M12/M15-6-SMD - 1414000

Housing screw connection, PlugLink:M12, Rear mounting, M15 x 1

Housing screw connection - SACC-BP-M-M12/M15-6-SMD SCO - 1414002

Housing screw connection, PlugLink:M12-SPEEDCON, Rear mounting, M15 x 1

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Accessories

Housing screw connection - SACC-FP-M-M12/M14 SMD - 1412078

Housing screw connection, PlugLink:M12, Front mounting, M14 x 1

Housing screw connection - SACC-FP-M-M12/PRESS SMD - 1412080

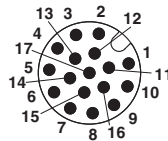Housing screw connection, pin, for the two-part M12 SMD connector, for press-in mounting.
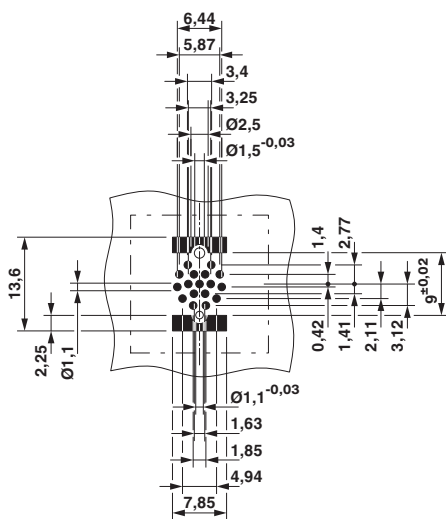
Drawings

Dimensional drawing

SMD tray packaging

Schematic diagram

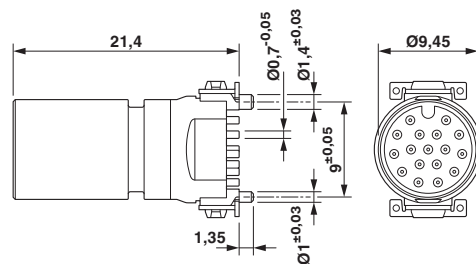Pin assignment M12 male connector, 17-pos., male side view
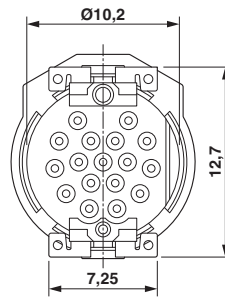
Drilling diagram

Dimensional drawing

M12 male connector contact carrier

Soldering pad geometry

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Dimensional drawing

Ø10,2

12,7

7,25

View of solder side

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