Flush-type connector - SACC-CI-M12MS-8P SMD T - 1411928

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Flush-type connector, 8-position, PlugLink:straightLink:M12, A - standard, PCB mounting, SMD

Key Commercial Data

Packing unit	1
GTIN	4 046356 990066
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

Rated current at 40°C	2 A
Rated voltage	30 V
Rated surge voltage	0.8 kV
Number of positions	8
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
Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting
Type of packaging	Tray

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Technical data

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

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



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

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Accessories

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



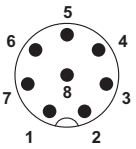
Housing screw connection, pin, for the two-part M12 SMD connector, for press-in mounting.

Drawings

Dimensional drawing

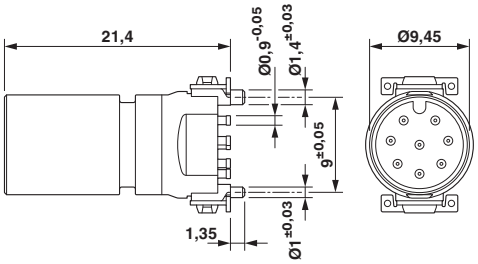
SMD tray packaging

Schematic diagram



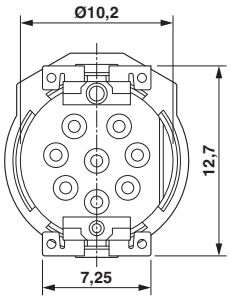
Pin assignment M12 plug, 8-pos., view plug side

Dimensional drawing



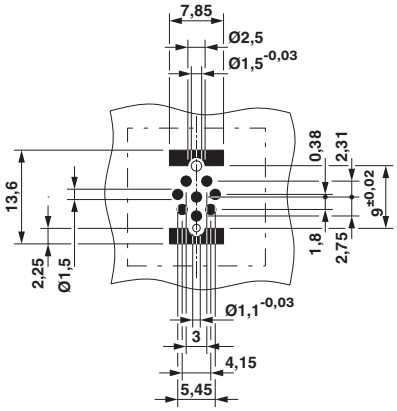
M12 male connector contact carrier

Dimensional drawing



View of solder side

Drilling diagram



Soldering pad geometry

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