

Flush-type connector - SACC-CI-M12FSY-8CON-L180 THR - 1405225

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Hybrid flush-type socket, Ethernet, 8-pos., M12 SPEEDCON, with straight solder connection

M12 female contact carrier, straight



Ethernet

Key commercial data

Packing unit	1
GTIN	 4 046356 740180
Custom tariff number	85366990

Technical data

Dimensions

Length of the solder pin	2.3 mm
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 90 °C
Degree of protection	IP67 (When plugged in)

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	0.5 A (Data) 6 A (Power)
Rated voltage	30 V (Power and data)
Number of positions	8
Contact resistance	≤ 3 mΩ
Insulation resistance	> 100 MΩ
Coding	Y - hybrid
Surge voltage category	III

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Technical data

General

Pollution degree	3
Connection method	THR solder connection
Insertion/withdrawal cycles	> 100
Mounting type	Rear mounting

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PPA
Material	Zinc die-cast (nickel-plated)

Cable

Transmission characteristics (category)	CAT5 (IEC 11801:2002)
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Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Accessories

Accessories

Panel mounting base

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Accessories

Housing screw connection - SACC-M12-SCO NUT - 1552243



M12 SPEEDCON housing screw connection for M12 female inserts, with O-ring, for all SPEEDCON-capable THR and wave soldering contact carriers

Housing screw connection - SACC-M12-SCO NUT L 90 - 1432460



M12-SPEEDCON housing screw connection for M12 female inserts, with flat gasket, for all Speedcon-compatible THR and wave soldering contact carriers

Housing screw connection - SACC-M12 NUT PRESS - 1437889



Housing screw connection for two-piece M12 connectors for the reflow soldering process.

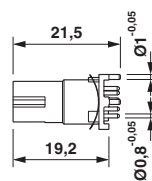
Drawings

Schematic diagram



Pin assignment M12 connector, 8-pos., view socket side

Dimensioned drawing



M12 female connector contact carrier