

Flush-type socket - SACC-DSI-FSX-8CON-PG9-L180 SCO - 1404741

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CAT6_A flush-type socket, Ethernet, one-piece, 8-pos., M12-SPEEDCON, rear/screw mounting with Pg9 fastening thread, with straight solder connection

M12 panel feed-through, rear mounting

Product Features



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	30.0 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length of the solder pin	6 mm
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP67 (When plugged in)

General

Rated current at 40°C	0.5 A (Data)
Rated voltage	48 V
Rated surge voltage	0.8 kV
Number of positions	8

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Technical data

General

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$> 100 \text{ M}\Omega$
Coding	X - data
Signal type/category	Ethernet CAT6 _A
Surge voltage category	III
Pollution degree	3
Connection method	Solder-in connection
Insertion/withdrawal cycles	≥ 100
Mounting type	Rear mounting M12 x 1

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Gold-plated
Contact carrier material	PPA
Material of grip body	Zinc die-cast, nickel-plated
Material, knurls	Zinc die-cast, nickel-plated
Material	Zinc die-cast (nickel-plated)
Sealing material	FKM

Cable

Transmission characteristics (category)	CAT6 _A
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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27180802
eCl@ss 7.0	27182702

ETIM

ETIM 3.0	EC001031
ETIM 4.0	EC002498
ETIM 5.0	EC002498

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Classifications

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

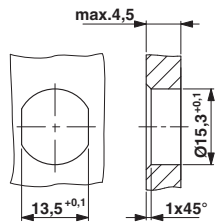
Approval details

EAC

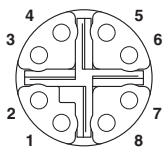
EAC

Drawings

Dimensional drawing



Schematic diagram

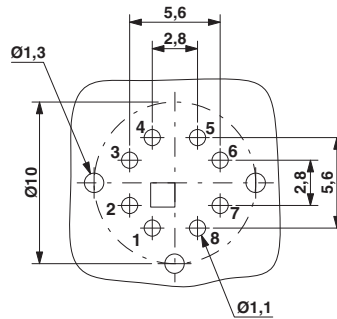


M12 socket pin assignment, 8-pos, view of socket side

Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

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Drilling diagram



Soldering pad geometry