PHŒNIX CONTACT

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

Key commercial data

Packing unit	20 pc
GTIN	4 046356 737029
Weight per Piece (excluding packing)	15.66 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length of the solder pin	6 mm

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
Number of positions	8
Contact resistance	≤ 3 mΩ
Insulation resistance	> 100 MΩ
Coding	X - data
Signal type/category	Ethernet CAT6$_A$

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Technical data

General

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)	$CAT6_A$

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

UNSPSC

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

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Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Drawings

Schematic diagram

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

Drilling diagram

Soldering pad geometry