

Flush-type socket - SACC-CI-M12FS-8CON-L180-10G - 1402457

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Cat6_A flush-type socket, Ethernet, 8-pos., rear mounting, with straight solder connection

Product Features

- Reduced mounting costs thanks to two-piece device connector
- Packaging available for automated pick and place assembly
- All common pin assignments and codings available
- Easy device integration thanks to mechanical port screw connections with threaded attachment, press-in contour or direct integration in the front plate



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	20 pc
Weight per Piece (excluding packing)	4.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °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.
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Technical data

General

Rated current at 40°C	0.5 A
Rated voltage	50 V AC
	60 V DC
Rated surge voltage	1.5 kV
Number of positions	8
Insulation resistance	> 100 MΩ
Coding	X - data
Standards/regulations	M12 connector IEC 61076-2-109
Signal type/category	Ethernet CAT6 _A
Overvoltage category	III
Degree of pollution	3
Connection method	THR solder connection
Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting
Type of packaging	Tray

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PPA
Material	Zinc die-cast (nickel-plated)

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-109
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27440103

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Classifications

eCl@ss

eCl@ss 9.0	27440102
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ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
Nominal current I _N	0.5 A
Nominal voltage U _N	60 V

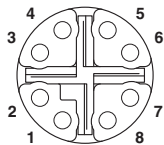
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Approvals

cUL Recognized 	
Nominal current IN	0.5 A
Nominal voltage UN	60 V
EAC	
EAC	
EAC	
cULus Recognized 	

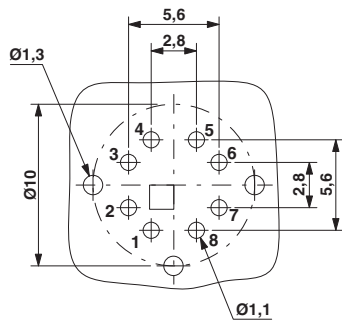
Drawings

Schematic diagram



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

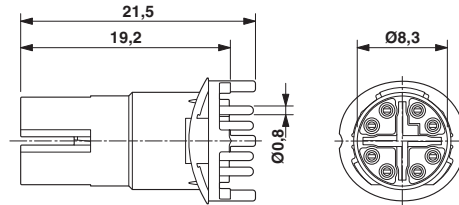
Drilling diagram



Soldering pad geometry

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Dimensional drawing



M12 female connector contact carrier