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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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

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CAT6<sub>A</sub> 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

### Why buy this product

- ✓ Easy PCB assembly: one-piece connectors for wave soldering
- ✓ All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- ✓ For high transmission reliability: optional shield connection to the housing by means of shield contact



### Key Commercial Data

Packing unit	20 STK
GTIN	 4 046356 737029
GTIN	4046356737029

### Technical data

#### Ambient conditions

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

#### General data

Rated current at 40°C	0.5 A (Data)
Rated voltage	50 V AC
	60 V DC
Number of positions	8
Signal type/category	Ethernet CAT6 <sub>A</sub>
Standards/regulations	M12 connector IEC 61076-2-109
Overvoltage category	III

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

## Technical data

### General data

Degree of pollution	3
	3
Alternative short product description	Ethernet flush-type socket

### Standards and Regulations

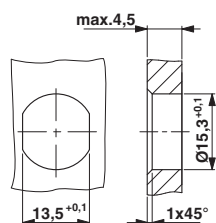
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-109
Flammability rating according to UL 94	V0

### Environmental Product Compliance

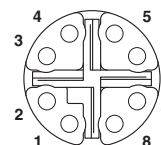
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Dimensional drawing



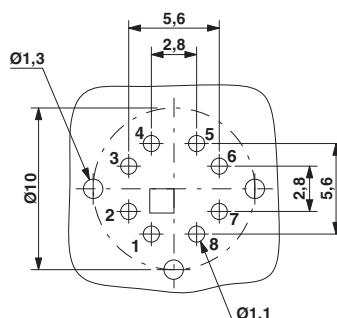
Schematic diagram



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)

Drilling diagram



Soldering pad geometry

## Approvals

Approvals

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


### Approvals


#### Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335024
Nominal current I <sub>N</sub>		0.5 A	
Nominal voltage U <sub>N</sub>		60 V	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335024
Nominal current I <sub>N</sub>		0.5 A	
Nominal voltage U <sub>N</sub>		60 V	

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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