Flush-type connector - SACC-DSI-M8FS-6CON-M10-L90 SH - 1424243

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Sensor/actuator flush-type connector, socket, 6-pos., M8, rear/screw mounting with M10 fastening thread, with angled solder connection

Why buy this product

- Easy PCB assembly: one-piece connectors for wave soldering
- Standard pin assignments and codings for signal transmission with a uniform design-in design
- For high transmission reliability: optional shield connection to the housing and latching on the PCB

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 712552
GTIN	4046356712552
Weight per Piece (excluding packing)	6.000 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

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

General

Rated current at 40°C	1.5 A
Rated voltage	30 V AC
	30 V DC

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Technical data

General

Number of positions	6
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Solder pins
Mounting type	Rear mounting M10 With flat nut

Material

Flammability rating according to UL 94	HB
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA 6.6
Material, knurls	Zinc die-cast, nickel-plated

Cable

Standards/specifications	M8 connector IEC 61076-2-104

Standards and Regulations

Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Flammability rating according to UL 94	HB

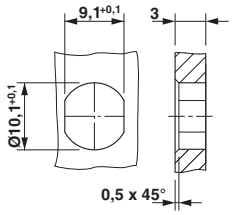
Environmental Product Compliance

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

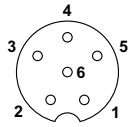
Drawings

Flush-type connector - SACC-DSI-M8FS-6CON-M10-L90 SH - 1424243

Dimensional drawing



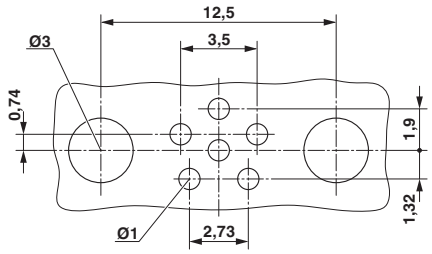
Schematic diagram



Pin assignment M8 socket, 6-pos.

Housing cutout for M8 flush-type connector, socket, one-section

Drilling diagram



Drilling diagram

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002635
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31251501

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Classifications

UNSPSC

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742

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