

SACC-DSI-M12FS-5CON-L180 VA - Device connector, rear mounting



1554733

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Device connector, rear mounting, 5-position, Socket, straight, M12, coding: A , Rear mounting, Pg9, Solder pins, Alternative product in accordance with RoHS II without Exemption 6c (Pb <0.1%) item no.: 1240043

Your advantages

- 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

Commercial Data

Item number	1554733
Packing unit	20 pc
Minimum order quantity	20 pc
Sales Key	ABQ
Product Key	ABQCFD
Catalog Page	Page 193 (C-2-2013)
GTIN	4046356170406
Weight per Piece (including packing)	15.635 g
Weight per Piece (excluding packing)	15.568 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Notes

Notes on operation	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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Mounting

Mounting type	Rear mounting Pg9 With locking nut
Assembly instructions	With locking nut
Connection method	Solder pins

Product properties

Product type	Circular connectors (device side)
Number of positions	5
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Dimensions

Dimensional drawing	
Length of the solder pin	6 mm 6 mm

Material specifications

Flammability rating according to UL 94	V0
Seal material	FKM
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Stainless steel

Electrical properties

Rated surge voltage	1.5 kV
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Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	60 V
Nominal current I_N	4 A
Test voltage	1.5 kV

Connection data

Conductor connection

Connection method	Solder pins
Tightening torque	3 Nm
	4 Nm

Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	A

Cable/line

Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67/IP69/IP69K
	IP69K
	IP65/IP67/IP69K
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
	-25 °C ... 85 °C (Cable, flexible installation)
	-40 °C ... 85 °C (cable, fixed installation)

Standards and regulations

M12

Standards/specifications	IEC 61076-2-101
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