SACC-DSI-M12FS-17CON-M16 SH - Device connector rear mounting



1441972

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Device connector rear mounting, 17-position, Socket, M12, coding: A, Rear mounting, M16 \times 1.5, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0. 1 %) item no.: 1239757

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
- · SPEEDCON fast locking system reduces cabling times
- · For high transmission reliability: optional shield connection to the housing by means of shield contact

Commercial data

Item number	1441972
Packing unit	20 pc
Minimum order quantity	20 pc
Note	Made to order (non-returnable)
Sales key	AB26
Product key	ABQEHB
Catalog page	Page 251 (C-2-2013)
GTIN	4046356534192
Weight per piece (including packing)	15.87 g
Weight per piece (excluding packing)	15.87 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	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.
General	Lock nut is included in the scope of delivery

Mounting

Mounting type	Rear mounting M16 x 1.5 With flat nut
Assembly instructions	With flat nut

Product properties

Product type	Circular connectors (device side)
Number of positions	17
Shielded	yes
Coding	A
Thread type	M12
Insulation characteristics	
Overvoltage category	II

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Material specifications

Degree of pollution

Flammability rating according to UL 94	V0
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Rated surge voltage	0.8 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	30 V
Nominal current I _N	1.5 A

Connection data

Conductor connection

Connection method	Wave soldering
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Contact connection type	Socket
Tightening torque	3 Nm 4 Nm (Installation-side)
chanical properties	
Mechanical data	
Insertion/withdrawal cycles	> 100
nnector	
nnector Connection 1	
	Socket
Connection 1	Socket M12
Connection 1 Head design	
Connection 1 Head design Head thread type	M12
Connection 1 Head design Head thread type Coding	M12

Ambient conditions

Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)
	IP65/IP67
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

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Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

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Classifications

ECLASS

UNSPSC 21.0

	ECLASS-11.0	27440102
	ECLASS-12.0	27440116
	ECLASS-13.0	27440116
ET	TIM	
	ETIM 9.0	EC002635
U١	ISPSC	

39121400

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Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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