SACC-DSI-M12MS-4CON-L180 VA - Device connector rear mounting



1404979

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Device connector rear mounting, 4-position, Pin, straight, M12, coding: A, Rear mounting, Pg9, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0. 1 %) item no.: 1238709

Your advantages

Easy PCB assembly: one-piece connectors for wave soldering

Commercial data

Item number	1404979
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB26
Product key	ABQEOL
Catalog page	Page 270 (C-2-2013)
GTIN	4046356740760
Weight per piece (including packing)	15.45 g
Weight per piece (excluding packing)	15.45 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 Pg9 With locking nut
Assembly instructions	With locking nut

Product properties

Product type	Circular connectors (device side)	
Number of positions	4	
Shielded	no	
Coding	A	
Thread type	M12	
Insulation characteristics		
Overvoltage category	II	
Degree of pollution	3	

Dimensions

Length of the solder pin	6 mm
	6 mm

Material specifications

Flammability rating according to UL 94	VO
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	2.5 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	250 V
Nominal current I _N	4 A



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Test voltage	2.5 kV	
rest voltage	2.3 KV	
Connection data		
Conductor connection		
Connection method	Wave soldering	
Contact connection type	Pin 3 Nm 4 Nm (Installation-side)	
Tightening torque	5 Nm 4 Nm (Installation-side)	
Mechanical properties		
Mechanical data		
Insertion/withdrawal cycles	> 100	
Connector		
Connector		
Connection 1		
Head design	Pin	
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	
	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		
IVI 1 Z		

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



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Classifications

ECLASS

	ECLASS-11.0	27440102	
	ECLASS-12.0	27440116	
	ECLASS-13.0	27440116	
ETIM			
	ETIM 9.0	EC002635	
UNSPSC			
	UNSPSC 21.0	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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