SACC-DSI-M5MS-4CON-L180 - Device connector rear mounting

1530634

https://www.phoenixcontact.com/us/products/1530634

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The figure shows a 2-pos. version of the product

Device connector rear mounting, 4-position, Pin, straight, M5, A-coding, Wave soldering

Product description

Flush-type connector
Rear mounting, one-piece, for wave soldering processes, 180°

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering

Commercial data

Item number	1530634
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB21
Product key	ABQNAA
GTIN	4046356024433
Weight per piece (including packing)	2.825 g
Weight per piece (excluding packing)	2.5 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Mounting

Mounting type	Rear mounting (M7, with locking nut)

Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	no
Coding	A
Thread type	M5

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Housing	CuZn
Material Housing surface	Ni
Material Insulating body	PA 6.6
Material Contact	CuZn
Material Contact surface	Au
Material Seal	NBR
Flammability rating according to UL 94	HB

Electrical properties

Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	60 V
Nominal current I_N	1 A
Test voltage	800 V

Connection data

Conductor connection

Connection method	Wave soldering
Contact connection type	Pin

Connector

Connection 1

Head design	Pin
Head cable outlet	straight
Head thread type	M5

Coding	A

Environmental and real-life conditions

Ambient conditions

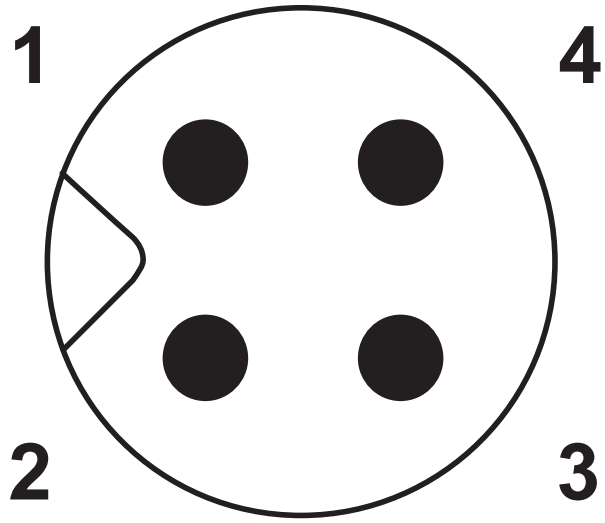
Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C

Standards and regulations

Standard designation	M5 connector
Standards/specifications	according to IEC 61076-2-105

Drawings

Schematic diagram



Pin assignment M5 plug, 4-pos., view male side

Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 10.0	EC003568

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	f18695a3-b7e9-4c45-8b4d-ddef4d18f04f

EF3.1 Climate Change

CO2e kg	1.23 kg CO2e

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