

SACC-DSI-M5FS-4CON-L180 - Device connector rear mounting



1530650

<https://www.phoenixcontact.com/us/products/1530650>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Device connector rear mounting, 4-position, Socket, straight, M5, Rear mounting, M5 x 0.5, Solder pins

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	1530650
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB21
Product key	ABQNBA
Catalog page	Page 224 (C-2-2013)
GTIN	4046356024457
Weight per piece (including packing)	4.27 g
Weight per piece (excluding packing)	4.27 g
Customs tariff number	85366990
Country of origin	DE

SACC-DSI-M5FS-4CON-L180 - Device connector rear mounting



1530650

<https://www.phoenixcontact.com/us/products/1530650>

Technical data

Mounting

Mounting type	Rear mounting M5 x 0.5 With locking nut
Assembly note	With locking nut

Product properties

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

Data management status

Article revision	01
------------------	----

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Seal material	Viton
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Brass, nickel-plated

Electrical properties

Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	60 V
Nominal current I_N	1 A
Test voltage	800 V

Connection data

Conductor connection

Connection method	Solder pins
Contact connection type	Socket

Connector

Connection 1

SACC-DSI-M5FS-4CON-L180 - Device connector rear mounting



1530650

<https://www.phoenixcontact.com/us/products/1530650>

Head design	Socket
Head cable outlet	straight
Head thread type	M5

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C

Standards and regulations

M5

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

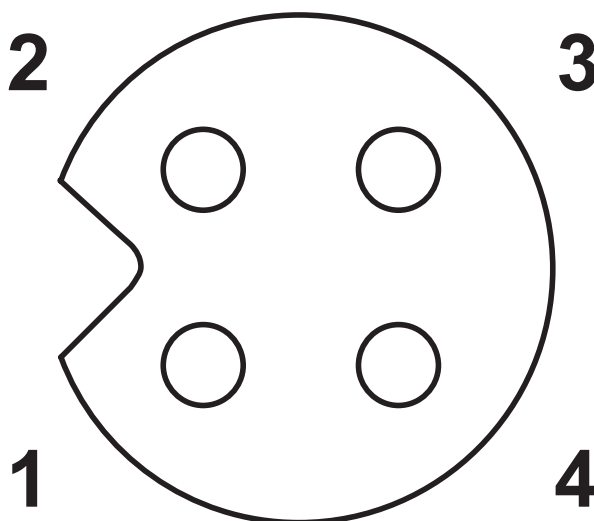
SACC-DSI-M5FS-4CON-L180 - Device connector rear mounting

1530650

<https://www.phoenixcontact.com/us/products/1530650>

Drawings

Schematic diagram



Pin assignment M5 socket, 4-pos., D-coded, view female side

SACC-DSI-M5FS-4CON-L180 - Device connector rear mounting



1530650

<https://www.phoenixcontact.com/us/products/1530650>

Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

SACC-DSI-M5FS-4CON-L180 - Device connector rear mounting



1530650

<https://www.phoenixcontact.com/us/products/1530650>

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	0a169132-925a-4d8f-9ecd-9223dd45410d

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com