

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



1530650

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

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Device connector rear mounting, 4-position, Socket, 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	1530650
Packing unit	20 pc
Minimum order quantity	1 pc
Sales key	AB21
Product key	ABQNBA
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

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## Technical data

### Mounting

Mounting type	Rear mounting (M7, with locking nut)
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### 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	CuSn
Material Contact surface	Au
Flammability rating according to UL 94	HB
Seal material	Viton

### 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	Wave soldering
Contact connection type	Socket

### Connector

#### Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M5

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Coding	A
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## 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

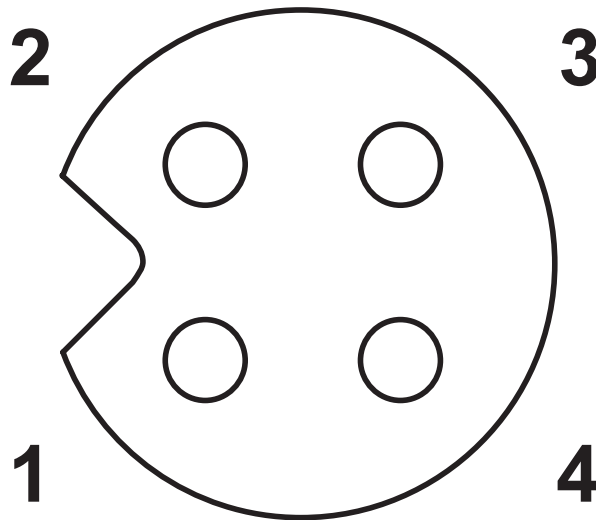
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## Drawings

Schematic diagram



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

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## Classifications

### ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

### ETIM

ETIM 10.0	EC003568
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### UNSPSC

UNSPSC 21.0	39121400
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## 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

### EF3.1 Climate Change

CO2e kg	1.632 kg CO2e
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