

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



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

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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            |

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## 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

|                                        |                      |
|----------------------------------------|----------------------|
| Flammability rating according to UL 94 | HB                   |
| Seal material                          | Viton                |
| Contact material                       | CuZn                 |
| 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       | Wave soldering |
| Contact connection type | Pin            |

### Connector

#### Connection 1

|                   |          |
|-------------------|----------|
| Head design       | Pin      |
| Head cable outlet | straight |
| Head thread type  | M5       |
| 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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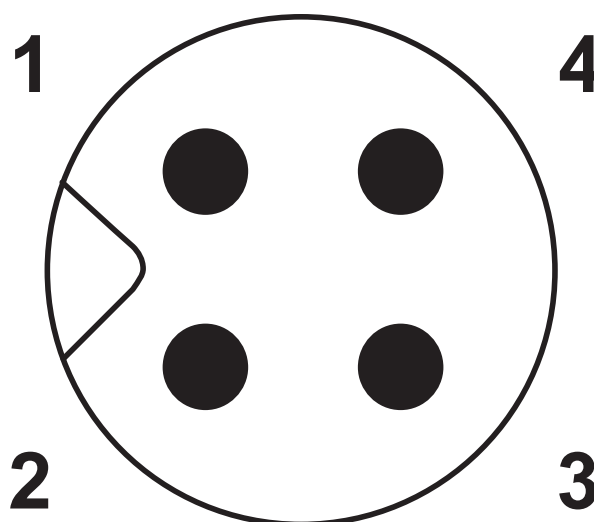


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## Drawings

Schematic diagram



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

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440110 |
| ECLASS-15.0 | 27440110 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC003568 |
|----------|----------|

### 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                                | f18695a3-b7e9-4c45-8b4d-ddef4d18f04f |

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