

1626747

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M23, Cable connector, series: RC, straight, shielded: no, Screw locking mechanism, No. of pos.: 12, Direction of rotation: Standard, contact connection type: Socket, Solder cup, coding: N

Commercial data

| Item number | 1626747 |
|--------------------------------------|--------------------------------|
| Packing unit | 20 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | ABRAFA |
| GTIN | 4046356751087 |
| Weight per piece (including packing) | 152.9 g |
| Weight per piece (excluding packing) | 152.9 g |
| Country of origin | DE |





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Technical data

Product properties

| Product type | Circular connector (cable-side) |
|------------------------------|---------------------------------|
| Type of the screw connection | - |
| Pg screw connection | none |

Mechanical properties

Mechanical data

| Type of the screw connection | - |
|------------------------------|---|

Connector

Insulating body

| Coding N Material (Insulating body) PBT Material (Contact) CuZn Material (Contact surface) Ni/Au Insertion/withdrawal cycles 50 Connection method Solder cup Contact switching type Socket Application Signal Number of positions 12 Direction of rotation Standard Connection profile 12 Number Contact (Contact group 1) 12 Diameter Contact (Contact group 1) 1 mm Litz wire cross-section min. Contact (Contact group 1) 0.08 mm² Litz wire cross-section max. Contact (Contact group 1) 1 mm² Rated current Contact (Contact group 1) 8 A (for max. connection cross section) Rated voltage Contact (Contact group 1) 48 V AC 74 V DC Rated surge voltage 1.5 kV Overvoltage category III Pergree of pollution 3 | | |
|---|--|---|
| Material (Contact) CuZn Material (Contact surface) Ni/Au Insertion/withdrawal cycles 50 Connection method Solder cup Contact switching type Socket Application Signal Number of positions 12 Direction of rotation Standard Connection profile 12 Number Contact (Contact group 1) 1 mm Litz wire cross-section min. Contact (Contact group 1) 1 mm² Litz wire cross-section max. Contact (Contact group 1) 1 mm² Rated current Contact (Contact group 1) 8 A (for max. connection cross section) Rated voltage Contact (Contact group 1) 48 V AC 74 V DC Rated surge voltage 1.5 kV Overvoltage category III | Coding | N |
| Material (Contact surface)Ni/AuInsertion/withdrawal cycles50Connection methodSolder cupContact switching typeSocketApplicationSignalNumber of positions12Direction of rotationStandardConnection profile12Number Contact (Contact group 1)12Diameter Contact (Contact group 1)1 mmLitz wire cross-section min. Contact (Contact group 1)0.08 mm²Litz wire cross-section max. Contact (Contact group 1)1 mm²Rated current Contact (Contact group 1)8 A (for max. connection cross section)Rated voltage Contact (Contact group 1)48 V AC74 V DCRated surge voltage1.5 kVOvervoltage categoryIII | Material (Insulating body) | PBT |
| Insertion/withdrawal cycles Connection method Contact switching type Socket Application Signal Number of positions 12 Direction of rotation Standard Connection profile 12 Number Contact (Contact group 1) Diameter Contact (Contact group 1) Litz wire cross-section min. Contact (Contact group 1) Litz wire cross-section max. Contact (Contact group 1) Rated current Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated surge voltage 1.5 kV Overvoltage category III | Material (Contact) | CuZn |
| Connection method Contact switching type Socket Application Signal Number of positions 12 Direction of rotation Standard Connection profile 12 Number Contact (Contact group 1) Litz wire cross-section min. Contact (Contact group 1) Litz wire cross-section max. Contact (Contact group 1) Rated current Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated surge voltage Rated surge voltage Overvoltage category Solder cup Solder cup Solder cup Solder cup Socket Socket Socket Socket Signal 12 12 12 12 12 12 12 12 1 mm 10 1 mm 2 1 mm 1 mm 2 1 mm 1 mm 2 1 mm 1 | Material (Contact surface) | Ni/Au |
| Contact switching type Application Signal Number of positions 12 Direction of rotation Standard Connection profile 12 Number Contact (Contact group 1) Diameter Contact (Contact group 1) Litz wire cross-section min. Contact (Contact group 1) Litz wire cross-section max. Contact (Contact group 1) Rated current Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated surge voltage 1.5 kV Overvoltage category III | Insertion/withdrawal cycles | 50 |
| Application Signal Number of positions 12 Direction of rotation Standard Connection profile 12 Number Contact (Contact group 1) 12 Diameter Contact (Contact group 1) 1 mm Litz wire cross-section min. Contact (Contact group 1) 0.08 mm² Litz wire cross-section max. Contact (Contact group 1) 1 mm² Rated current Contact (Contact group 1) 8 A (for max. connection cross section) Rated voltage Contact (Contact group 1) 48 V AC 74 V DC Rated surge voltage 1.5 kV Overvoltage category III | Connection method | Solder cup |
| Number of positions12Direction of rotationStandardConnection profile12Number Contact (Contact group 1)12Diameter Contact (Contact group 1)1 mmLitz wire cross-section min. Contact (Contact group 1)0.08 mm²Litz wire cross-section max. Contact (Contact group 1)1 mm²Rated current Contact (Contact group 1)8 A (for max. connection cross section)Rated voltage Contact (Contact group 1)48 V AC74 V DCRated surge voltage1.5 kVOvervoltage categoryIII | Contact switching type | Socket |
| Direction of rotation Connection profile 12 Number Contact (Contact group 1) Diameter Contact (Contact group 1) Litz wire cross-section min. Contact (Contact group 1) Litz wire cross-section max. Contact (Contact group 1) Rated current Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated surge voltage 1.5 kV Overvoltage category III | Application | Signal |
| Connection profile 12 Number Contact (Contact group 1) 12 Diameter Contact (Contact group 1) 1 mm Litz wire cross-section min. Contact (Contact group 1) 0.08 mm² Litz wire cross-section max. Contact (Contact group 1) 1 mm² Rated current Contact (Contact group 1) 8 A (for max. connection cross section) Rated voltage Contact (Contact group 1) 48 V AC 74 V DC Rated surge voltage 1.5 kV Overvoltage category III | Number of positions | 12 |
| Number Contact (Contact group 1) Diameter Contact (Contact group 1) Litz wire cross-section min. Contact (Contact group 1) Litz wire cross-section max. Contact (Contact group 1) Rated current Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated surge voltage 1.5 kV Overvoltage category III | Direction of rotation | Standard |
| Diameter Contact (Contact group 1) Litz wire cross-section min. Contact (Contact group 1) Litz wire cross-section max. Contact (Contact group 1) Rated current Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated surge voltage 1.5 kV Overvoltage category 1 mm 2.0.08 mm² 1 mm² 8 A (for max. connection cross section) 48 V AC 74 V DC | Connection profile | 12 |
| Litz wire cross-section min. Contact (Contact group 1) Litz wire cross-section max. Contact (Contact group 1) Rated current Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated surge voltage 1.5 kV Overvoltage category 1.00 mm² 8 A (for max. connection cross section) 48 V AC 74 V DC III | Number Contact (Contact group 1) | 12 |
| Litz wire cross-section max. Contact (Contact group 1) Rated current Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated surge voltage 1.5 kV Overvoltage category 1 mm² 8 A (for max. connection cross section) 48 V AC 74 V DC III | Diameter Contact (Contact group 1) | 1 mm |
| Rated current Contact (Contact group 1) Rated voltage Contact (Contact group 1) Rated surge voltage Contact (Contact group 1) Rated surge voltage 1.5 kV Covervoltage category III | Litz wire cross-section min. Contact (Contact group 1) | 0.08 mm² |
| Rated voltage Contact (Contact group 1) 48 V AC 74 V DC Rated surge voltage 1.5 kV Overvoltage category III | Litz wire cross-section max. Contact (Contact group 1) | 1 mm² |
| 74 V DC Rated surge voltage 1.5 kV Overvoltage category III | Rated current Contact (Contact group 1) | 8 A (for max. connection cross section) |
| Rated surge voltage 1.5 kV Overvoltage category III | Rated voltage Contact (Contact group 1) | 48 V AC |
| Overvoltage category III | | 74 V DC |
| | Rated surge voltage | 1.5 kV |
| Degree of pollution 3 | Overvoltage category | III |
| begree of political | Degree of pollution | 3 |

Housing

| Туре | Cable connector housing |
|-----------------------------------|-------------------------|
| Thread type | M23 |
| Design | straight |
| Type of locking | Screw locking mechanism |
| Pg screw connection | none |
| Material (Housing) | Metal |
| Degree of protection (plugged in) | IP65 |



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| IP67 |
|------|
|------|

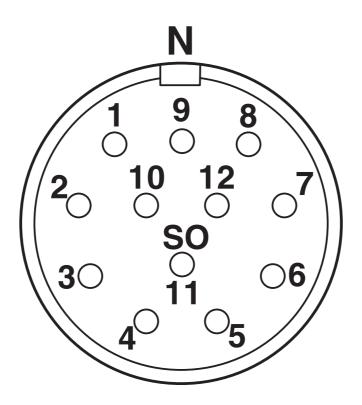


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Drawings

Schematic diagram



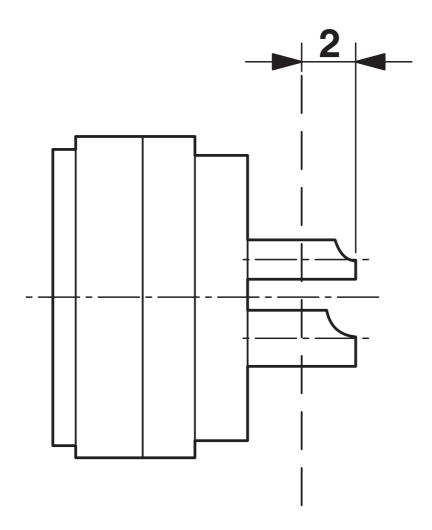
Connector pin assignment



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Schematic diagram



Dimensional drawing

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