SACC-DSI-M12MS-4CON-L180 VA - Device connector rear mounting



1404979

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Device connector rear mounting, 4-position, Pin, straight, M12, coding: A, Rear mounting, Pg9, Wave soldering, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0. 1 %) item no.: 1238709

Your advantages

Easy PCB assembly: one-piece connectors for wave soldering

Commercial data

| Item number | 1404979 |
|--------------------------------------|---------------------|
| Packing unit | 20 pc |
| Minimum order quantity | 20 pc |
| Sales key | AB26 |
| Product key | ABQEOL |
| Catalog page | Page 270 (C-2-2013) |
| GTIN | 4046356740760 |
| Weight per piece (including packing) | 15.45 g |
| Weight per piece (excluding packing) | 15.45 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |



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Technical data

Notes

| General | The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration. |
|---------|--|
| General | Lock nut is included in the scope of delivery |

Mounting

| Mounting type | Rear mounting Pg9 With locking nut |
|-----------------------|------------------------------------|
| Assembly instructions | With locking nut |

Product properties

| Product type | Circular connectors (device side) | |
|----------------------------|-----------------------------------|--|
| Number of positions | 4 | |
| Shielded | no | |
| Coding | A | |
| Thread type | M12 | |
| Insulation characteristics | | |
| Overvoltage category | II | |
| Degree of pollution | 3 | |

Dimensions

| Length of the solder pin | 6 mm |
|--------------------------|------|
| | 6 mm |

Material specifications

| Flammability rating according to UL 94 | VO |
|--|-----------------|
| Seal material | FKM |
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PA 6.6 |
| Material for screw connection | Stainless steel |

Electrical properties

| Rated surge voltage | 2.5 kV |
|--------------------------------|----------|
| Contact resistance | ≤ 3 mΩ |
| Insulation resistance | ≥ 100 MΩ |
| Nominal voltage U _N | 250 V |
| Nominal current I _N | 4 A |



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| Test voltage | 2.5 kV | |
|--|---|--|
| rest voltage | 2.3 KV | |
| Connection data | | |
| | | |
| Conductor connection | | |
| Connection method | Wave soldering | |
| Contact connection type | Pin 3 Nm 4 Nm (Installation-side) | |
| Tightening torque | 5 Nm 4 Nm (Installation-side) | |
| Mechanical properties | | |
| Mechanical data | | |
| Insertion/withdrawal cycles | > 100 | |
| Connector | | |
| Connector | | |
| Connection 1 | | |
| Head design | Pin | |
| Head cable outlet | straight | |
| Head thread type | M12 | |
| Coding | A | |
| Cable/line | | |
| Ambient temperature (operation) | -40 °C 85 °C (cable, fixed installation) | |
| | -25 °C 85 °C (Cable, flexible installation) | |
| Environmental and real-life conditions | | |
| | | |
| Ambient conditions | | |
| Degree of protection | IP65/IP67/IP69/IP69K | |
| | IP65/IP67/IP69K | |
| Ambient temperature (operation) | -25 °C 85 °C (Plug / socket) | |
| | -40 °C 85 °C (without mechanical actuation) | |
| | -25 °C 85 °C (Cable, flexible installation) | |
| | -40 °C 85 °C (cable, fixed installation) | |
| Standards and regulations | | |
| M12 | | |
| IVI 1 Z | | |

| Standard designation | M12 connector |
|--------------------------|-----------------|
| Standards/specifications | IEC 61076-2-101 |



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Classifications

ECLASS

| | ECLASS-11.0 | 27440102 | |
|--------|-------------|----------|--|
| | ECLASS-12.0 | 27440116 | |
| | ECLASS-13.0 | 27440116 | |
| ETIM | | | |
| | ETIM 9.0 | EC002635 | |
| UNSPSC | | | |
| | UNSPSC 21.0 | 39121400 | |



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Environmental product compliance

| REACh SVHC | Lead 7439-92-1 |
|------------|--|
| | |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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