

M12-PCB-THR-2PC-5P-KCOD-M-STR-SHLD



| Part number | 21 03 309 1505 407 |
|--------------------|--|
| Specification | M12-PCB-THR-2PC-5P-KCOD-M-STR- SHLD |
| HARTING eCatalogue | https://b2b.harting.com/21033091505407 |

Image is for illustration purposes only. Please refer to product description.

Identification

| Category | Connectors |
|----------------|-------------------------|
| Series | Circular connectors M12 |
| Identification | Power |
| Element | PCB adapter |
| Specification | Straight |

Version

| Termination method | Reflow soldering termination (THR) |
|-----------------------------------|------------------------------------|
| Gender | Male |
| Shielding | Shielded |
| Number of contacts | 5 |
| Number of power contacts | 4 |
| Number of special contacts | 1 |
| Specification of special contacts | PE contact |
| Coding | K-coding |
| Details | Order housings separately |
| Pack contents | 30 pieces in a carton box |

Technical characteristics

| Rated current | 12 A |
|-----------------------|-------|
| Rated voltage | 630 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 3 |

Page 1 / 3 | Creation date 2024-02-03 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



| Technical characteristics | |
|---|--|
| Overvoltage category | III |
| Insulation resistance | >10 ⁸ Ω |
| Contact resistance | ≤10 mΩ |
| Limiting temperature | -40 +125 °C |
| Mating cycles | ≥100 |
| Isolation group | I (600 ≤ CTI) |
| | |
| Material properties | |
| Material (insert) | Polyamide (PA) |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Au over Ni Mating side |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant with exemption |
| RoHS exemptions | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status | compliant with exemption |
| China RoHS | 50 |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R26 |
| | |
| Specifications and approvals | |
| Specifications | IEC 61076-2-111 |
| Commercial data | |
| | 20 |
| Packaging size | 30 |
| Net weight | 10 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |

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5713140228344

GTIN



Commercial data

ETIM

eCl@ss

EC002637

27460201 PCB connector (board connector)

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