



Pushing Performance
Since 1945

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



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

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

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 |



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Technical characteristics

| | |
|-----------------------|-----------------------------|
| Overvoltage category | III |
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Limiting temperature | -40 ... +125 °C |
| Mating cycles | ≥ 100 |
| Isolation group | I ($600 \leq \text{CTI}$) |

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

| | |
|--------------------------------|---------------|
| Packaging size | 30 |
| Net weight | 10 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140228344 |



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Commercial data

| | |
|--------|--|
| ETIM | EC002637 |
| eCl@ss | 27460201 PCB connector (board connector) |

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