

M12-PCB-THR-2PC-5P-KCOD-F-STR- Back 1pc



| Part number | 21 03 309 2530 |
|--------------------|--------------------------------------------|
| Specification | M12-PCB-THR-2PC-5P-KCOD-F-STR- Back 1pc |
| HARTING eCatalogue | https://b2b.harting.com/21033092530 |

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 |
| | incl. housing |
| | for rear mounting |

Version

| Termination method | Reflow soldering termination (THR) |
|-----------------------------------|------------------------------------|
| Gender | Female |
| 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 |
| Locking type | Screw locking |

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 Ω |
| Contact resistance | ≤10 mΩ |
| Tightening torque | 2 Nm Lock nut |
| Limiting temperature | -40 +125 °C |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| 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 | |
| Packaging size | 1 |
| Net weight | 31 g |
| Country of origin | Romania |

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Commercial data

European customs tariff number

GTIN

eCl@ss

85366990

5713140228405

27460201 PCB connector (board connector)

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