

M12-PFT-CRIMP-5P-KCOD-F-0.3 REAR 1,5mm



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

| | |
|--------------------|---|
| Part number | 21 03 309 6504 |
| Specification | M12-PFT-CRIMP-5P-KCOD-F-0.3 REAR 1,5mm |
| HARTING eCatalogue | https://harting.com/21033096504 |

Identification

| | |
|----------------|--------------------------------------|
| Category | Connectors |
| Series | Circular connectors M12 |
| Identification | Power |
| Element | Panel feed through |
| Specification | With conductors for rear mounting |

Version

| | |
|----------------------------|---------------------------|
| Gender | Female |
| Shielding | Unshielded |
| Number of contacts | 5 |
| Number of power contacts | 4 |
| Number of special contacts | 1x PE contact |
| Coding | K-coding |
| Locking type | Screw locking PushPull |

Technical characteristics

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|-------------------------------|---------------------|
| Conductor cross-section | 1.5 mm ² |
| Conductor cross-section [AWG] | AWG 16 |
| Rated current | 12 A |
| Rated voltage | 630 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 3 |



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Technical characteristics

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|--|-----------------------------|
| Overvoltage category | III |
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Tightening torque | 0.8 Nm 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 ($600 \leq \text{CTI}$) |
| Conductor length | 30 cm |

Material properties

| | |
|--------------------------------------|--|
| Material (insert) | Polyamide (PA) |
| Material (contacts) | Brass |
| Surface (contacts) | Au over Ni Mating side |
| 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 |
| ECHA SCIP number | b51e5b97-eeb5-438b-8538-f1771d43c17d |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) + A1 (2023-10) |
| Requirement set with Hazard Levels | R26 |

Specifications and approvals

| | |
|----------------|------------------------------------|
| Specifications | IEC 61076-2-111 IEC 61076-2-010 |
|----------------|------------------------------------|



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Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 48 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140227576 |
| eCl@ss | 27440103 Sensor-actuator connector chassis (sensor technology actuator) |
| UNSPSC 24.0 | 39121413 |