

# M12-PFT-CRIMP-5P-KCOD-M-0.3 REAR 2,5mm



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

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 21 03 309 5502                                                                        |
| Specification      | M12-PFT-CRIMP-5P-KCOD-M-0.3<br>REAR 2,5mm                                             |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21033095502">https://b2b.harting.com/21033095502</a> |

## Identification

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

## Version

|                                   |                           |
|-----------------------------------|---------------------------|
| Gender                            | Male                      |
| Shielding                         | Unshielded                |
| 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<br>PushPull |

## Technical characteristics

|                         |                     |
|-------------------------|---------------------|
| Conductor cross-section | 2.5 mm <sup>2</sup> |
| Conductor cross-section | AWG 14              |
| Rated current           | 12 A                |
| Rated voltage           | 630 V               |
| Rated impulse voltage   | 6 kV                |



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## Technical characteristics

|                                        |                             |
|----------------------------------------|-----------------------------|
| Pollution degree                       | 3                           |
| Overvoltage category                   | III                         |
| Insulation resistance                  | $>10^8 \Omega$              |
| Contact resistance                     | $\leq 10 \text{ m}\Omega$   |
| Tightening torque                      | 0.8 Nm<br>2 Nm Lock nut     |
| Limiting temperature                   | -40 ... +125 °C             |
| Mating cycles                          | $\geq 100$                  |
| 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                                                   |
| 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<br>IEC 61076-2-010 |
|----------------|------------------------------------|

## Commercial data

|                |   |
|----------------|---|
| Packaging size | 1 |
|----------------|---|



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Commercial data

|                                |                                                                         |
|--------------------------------|-------------------------------------------------------------------------|
| Net weight                     | 48.9 g                                                                  |
| Country of origin              | Romania                                                                 |
| European customs tariff number | 85366990                                                                |
| GTIN                           | 5713140227514                                                           |
| eCl@ss                         | 27440103 Sensor-actuator connector chassis (sensor technology actuator) |