

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



-		
	Part number	21 03 309 5502
	Specification	M12-PFT-CRIMP-5P-KCOD-M-0.3 REAR 2,5mm
	HARTING eCatalogue	https://b2b.harting.com/21033095502

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

### Identification

Category	Connectors
Series	Circular connectors M12
Identification	Power
Element	Panel feed through
Specification	With conductors 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 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

Page 1 / 3 | Creation date 2023-05-06 | 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

Pollution degree	3
Overvoltage category	III
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
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 ≤ 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
Constitutions and annually	

# Specifications and approvals

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

# Commercial data

Packaging size

1

Page 2 / 3 | Creation date 2023-05-06 | 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



## 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 acc.)

Page 3 / 3 | Creation date 2023-05-06 | 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