Pushing Performance
Since 1945

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 REAR 2,5mm
HARTING eCatalogue	https://harting.com/21033095502

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	1x PE contact
Coding	K-coding
Locking type	Screw locking PushPull

Technical characteristics

Conductor cross-section	2.5 mm²
Conductor cross-section [AWG]	AWG 14
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	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) + A1 (2023-10)
Requirement set with Hazard Levels	R26

Specifications and approvals

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

Commercial data

Packaging size	1
Net weight	48.9 g

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Commercial data

Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140227514
eCl@ss	27440103 Sensor-actuator connector chassis (sensor technology acturator)
UNSPSC 24.0	39121413

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