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

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

Part number	21 03 309 2531
Specification	M12-PCB-THR-2PC-5P-KCOD-F-STR-Front 1pc
HARTING eCatalogue	https://b2b.harting.com/21033092531

Identification

Category	Connectors
Series	Circular connectors M12
Identification	Power PushPull
Element	PCB adapter
Specification	Straight incl. housing for front 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 PushPull

Technical characteristics

Rated current	12 A
Rated voltage	630 V

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Technical characteristics

Rated impulse voltage	6 kV
Pollution degree	3
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 IEC 61076-2-010

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Commercial data

Packaging size	1
Net weight	25.7 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140228412
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

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