Pushing Performance
Since 1945

M12-PCB-THR-2PC-5P-KCOD-F-STR-SHLD



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

Part number	21 03 309 2505 407
Specification	M12-PCB-THR-2PC-5P-KCOD-F-STR-SHLD
HARTING eCatalogue	https://harting.com/21033092505407

Identification

Category	Connectors
Series	Circular connectors M12
Identification	Power
Element	PCB adapter
Specification	Straight

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
Details	Order housings separately
Pack contents	30 pieces in a carton box

Technical characteristics

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
Limiting temperature	-40 ... +125 °C
Mating cycles	≥100
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

Specifications and approvals

Specifications	IEC 61076-2-111

Commercial data

Packaging size	30
Net weight	6.12 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140228368
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637
UNSPSC 24.0	39121415

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