

M12-PCB-THT-2PC-5P-ACOD-M-ANG-SHLD



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

Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
Specification	Angled for rear mounting

Version

Termination method	Wave soldering termination
Gender	Male
Shielding	Shielded
Number of contacts	5
Coding	A-coding
Locking type	Screw locking

Technical characteristics

Rated current	4 A
Rated voltage	60 V
Pollution degree	3
Insulation resistance	$>10^8 \Omega$
Tightening torque	1 Nm Lock nut
Limiting temperature	-40 ... +85 °C
Mating cycles	≥ 100

Technical characteristics

Degree of protection acc. to IEC 60529 IP67 mated condition

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Copper-zinc alloy
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
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

Specifications and approvals

Specifications	IEC 61076-2-101
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Commercial data

Packaging size	10
Net weight	14.104 g
Country of origin	Slovakia
European customs tariff number	85366990
GTIN	5713140229037
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637
UNSPSC 24.0	39121415