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Since 1945

M12-PCB-THR-2PC-2P-SPE-F-ANG-SHLD



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

Part number	21 03 339 4211
Specification	M12-PCB-THR-2PC-2P-SPE-F-ANG-SHLD
HARTING eCatalogue	https://harting.com/21033394211

Identification

Category	Connectors
Series	HARTING T1 Industrial Circular connectors M12
Element	PCB connector
Specification	Angled incl. housing for front mounting

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Shielding	Fully shielded, 360° shielding contact
Number of contacts	2
further contacts	+ shielding
Pack contents	1x PCB connector 21 03 339 4201 1x Housing 21 03 339 2001

Technical characteristics

Rated current	4 A
Rated voltage	60 V DC
Transmission characteristics	600 MHz Bandwidth

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Technical characteristics

Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Contact resistance	≤20 mΩ
Shielding resistance	≤100 mΩ
Limiting temperature	-40 ... +85 °C
Mating cycles	≥1,000
Degree of protection acc. to IEC 60529	IP20
Test voltage U_{DC}	1 kV (contact-contact) 2.25 kV (contact-ground)
Moisture Sensitivity Level (MSL)	1 acc. to ECA/IPC/JEDEC J-STD-020D
Process Sensitivity Level (PSL)	R0 acc. to ECA/IPC/JEDEC J-STD-020D

Material properties

RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

Specifications and approvals

Specifications	IEC 63171-6 IEEE 802.3bu (remote power supply over PoDL = Power over Data Line) IEEE 802.3cg (10BASE-T1) IEEE 802.3bw (100BASE-T1) IEEE 802.3bp (1000BASE-T1) IEEE 802.3ch (2.5GBASE-T1 / 5GBASE-T1 / 10GBASE-T1)

Commercial data

Packaging size	1
Net weight	34.3 g
Country of origin	Germany

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Commercial data

European customs tariff number	85366990
GTIN	5713140223547
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637
UNSPSC 24.0	39121415

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