

## M12-PCB-THR-2PC-2P-SPE-F-STR-SHLD



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

Part number	21 03 339 2221
Specification	M12-PCB-THR-2PC-2P-SPE-F-STR-SHLD
HARTING eCatalogue	<a href="https://b2b.harting.com/21033392221">https://b2b.harting.com/21033392221</a>

### Identification

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

### Version

Termination method	Reflow soldering termination (THR)
Shielding	Fully shielded, 360° shielding contact
Number of contacts	2
further contacts	+ shielding
Termination length	8 mm
Pack contents	1x PCB connector 21 03 339 2201 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 <sub>DC</sub>	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
Country of origin	Germany
European customs tariff number	85366990



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## Commercial data

GTIN 5713140223493

eCl@ss 27460201 PCB connector (board connector)