



Pushing Performance
Since 1945

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	https://b2b.harting.com/21033392221

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)
Gender	Female
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



Pushing Performance
Since 1945

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
Country of origin	Germany
European customs tariff number	85366990



Pushing Performance
Since 1945

Commercial data

GTIN 5713140223493

eCl@ss 27460201 PCB connector (board connector)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HARTING:

21033392221