Pushing Performance
Since 1945

T1 Ind. Jack M12, angled



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

Part number	21 03 339 4201
Specification	T1 Ind. Jack M12, angled
HARTING eCatalogue	https://harting.com/21033394201

Identification

Category	Connectors
Series	HARTING T1 Industrial Circular connectors M12
Element	PCB connector
Specification	Angled

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Shielding	Fully shielded, 360° shielding contact
Number of contacts	2
further contacts	+ shielding
Pack contents	350 pieces on reel

Technical characteristics

Rated current	4 A
Rated voltage	60 V DC
Transmission characteristics	4 GHz Bandwidth
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

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Technical characteristics

Shielding resistance	≤100 mΩ
Limiting temperature	-40 ... +85 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
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	Not contained

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	350
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140223523
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637
UNSPSC 24.0	39121415

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