

# T1 Ind. Jack M12, angled



Part number	21 03 339 4201
Specification	T1 Ind. Jack M12, angled
HARTING eCatalogue	https://b2b.harting.com/21033394201

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

#### 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

Page 1 / 2 | Creation date 2023-06-14 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



#### 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 <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	Not contained

#### Specifications and approvals

IEC 63171-6	
IEEE 802.3bu (remote power supply over PoDL = Power over Data Line)	
Energifications IEEE 802.3cg (10BASE-T1)	
Specifications 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)

Page 2 / 2 | Creation date 2023-06-14 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany

# **Mouser Electronics**

Authorized Distributor

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

HARTING: 21033394201