

T1 Ind.jack,T1-M12 str.,8mm



Part number	21 03 339 2201
Specification	T1 Ind.jack,T1-M12 str.,8mm
HARTING eCatalogue	https://b2b.harting.com/21033392201

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	Straight
Version	
Termination method	Reflow soldering termination (THR)
Shielding	Fully shielded, 360° shielding contact
Number of contacts	2
further contacts	+ shielding
Pack contents	Тгау
Technical characteristics	
Rated current	4 A
Rated voltage	60 V DC
Transmission characteristics	4 GHz Bandwidth
	10 Mbit/s
	100 Mbit/s 1 Gbit/s
Data rate	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Contact resistance	≤20 mΩ
Shielding resistance	≤100 mΩ

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Technical characteristics

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	50
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140223448
eCl@ss	27460201 PCB connector (board connector)

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