Pushing Performance
Since 1945

T1 Indus. jack AH-IP20 long, w/o adapter



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

Part number	09 45 281 2813
Specification	T1 Indus. jack AH-IP20 long, w/o adapter
HARTING eCatalogue	https://harting.com/09452812813

Identification

Category	Connectors
Series	HARTING T1 Industrial
Element	PCB connector
Specification	Angled Long version

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
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	≥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

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	5713140899568
eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637
UNSPSC 24.0	39121415

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