

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) |
|--------------------|--|
| Gender | Female |
| Shielding | Fully shielded, 360° shielding contact |
| Number of contacts | 2 |
| further contacts | + shielding |
| Termination length | 8 mm |
| Pack contents | Tray |

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 |

Page 1 / 2 | Creation date 2023-06-15 | 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

| Contact resistance | ≤20 mΩ |
|--|---|
| 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 | е |
| 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) |