

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



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

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

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 | Tray |

Technical characteristics

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|------------------------------|--|
| 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 |
| Shielding resistance | ≤100 mΩ |



Pushing Performance
Since 1945

Technical characteristics

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|--|--|
| 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

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|--------------------------------------|---------------|
| 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) |