



All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to CECC 22 240

Documents

Panel piercing / PCB layout B 53 / B 66

Material and plating

Connector parts

- Center contact
- Outer contact
- Body
- Dielectric

Material

- Beryllium copper
- Brass
- Brass
- PTFE

Plating

- AuroDur, gold plated
- AuroDur, gold plated
- AuroDur, gold plated

Electrical data

| | |
|---------------------------|--|
| Impedance | 75 Ω |
| Frequency | DC to 4 GHz |
| Return loss | ≥ 30 dB, DC to 0.1 GHz ≥ 25 dB, 0.1 to 0.5 GHz ≥ 15 dB, 0.5 to 2 GHz |
| Insertion loss | ≤ 0.1 dB, DC to 1 GHz |
| Insulation resistance | ≥ 10x10 ³ MΩ |
| Center contact resistance | ≤ 4 mΩ |
| Outer contact resistance | ≤ 2 mΩ |
| Test voltage | 1000 V rms |
| Working voltage | 330 V rms |
| RF-leakage | ≥ 90 dB up to 1 GHz (slide-on) ≥ 100 dB up to 1 GHz (screw version) |

- Connector only, VSWR in application depends decisive on PCB layout -

Mechanical data

| | |
|------------------------------------|---|
| Mating cycles | ≥ 500 |
| Engaging and disengaging force | 2.2 N to 12 N (screw-on, slide-on) 18 N to 50 N (quick-lock) |
| Center contact captivation | ≥ 30 N |
| Torque nut for panel mounting | ≤ 1 Nm |
| Coupling mechanism retention force | ≥ 300 N (screw version, quick-lock) |

Environmental data

| | |
|----------------------------|--|
| Temperature range | -40°C to +85°C |
| Climatic class | IEC 60068-2-1 40/85/21 IEC 60068-2-2 IEC 60068-2-3 |
| Vibration | IEC 60068-2-6 10 Hz to 2000 Hz, 100m/s ² |
| Max. soldering temperature | IEC 61760-1, +260°C for 10 sec. |
| RoHS | compliant |

Tooling

N/A

Suitable cables

N/A

Weight

Weight 6.3 g/pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

| Draft | Date | Approved | Date | Rev. | Engineering change number | Name | Date |
|--|----------|-------------------|----------|------|--|-----------|---------------|
| Inge Mühlauer | 24/08/04 | Sa. Krautenbacher | 24.03.14 | e00 | 14-0352 | T. Krojer | 24.03.14 |
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