



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

Interface

According to

IEC 60169-16, MIL-PRF-39012, CECC 22210

Documents

N/A

Material and plating

Connector parts

- Center contact - plug
- Center contact - jack
- Outer contact
- Coupling nut
- Dielectric
- Substrate

Material

- Brass
- CuBe
- Brass
- Brass
- PTFE
- ALN

Plating

- Gold, min. 1.27 μm, over nickel
- Gold, min. 1.27 μm, over nickel
- Flash white bronze over silver(e.g. Optargen®)
- Flash white bronze over silver(e.g. Optargen®)

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RF_35/05.10/6.0

Electrical data

| | |
|---------------------------|---|
| Impedance | 50 Ω |
| Frequency | DC to 10 GHz |
| Return loss | ≥ 26.4 dB, DC to 2 GHz ≥ 21.2 dB, 2 GHz to 5 GHz ≥ 14.0 dB, 5 GHz to 10 GHz |
| Attenuation | 20 dB ± 0.5 dB, DC to 4 GHz 20 dB ± 1.5 dB, 4 GHz to 10 GHz |
| Center contact resistance | ≤ 1 mΩ |
| Outer contact resistance | ≤ 0.25 mΩ |
| Power handling | ≤ 5 W at 25°C |

Mechanical data

| | |
|-----------------------------|--------------------|
| Mating cycles | ≥ 500 |
| Coupling nut retention | ≥ 450 N |
| Center contact captivation: | ≥ 28 N |
| Maximum torque | 1.70 Nm |
| Recommended torque | 0.70 Nm to 1.10 Nm |

Environmental data

| | |
|-------------------|-----------------|
| Temperature range | -65°C to +125°C |
| RoHS | compliant |

Packing

| | |
|----------|--------------|
| Standard | 1 pce in bag |
| Weight | 73 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 |
|--|----------|-------------|----------|---|---------------------------|------------------|---------------|
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