



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

Interface

According to IEC 60169-15; EN 122110; MIL-STD-348

Documents

N/A

Material and plating

Connector parts

Center conductor
Outer conductor
Coupling nut
Dielectric
Gasket
Substrate

Material

Brass
Brass
Brass
PTFE
Silicone
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Gold, min. 0.8 µm, over nickel
Gold, 0.1 µm min.

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RF_35/09;14/6.2

Electrical data

| | |
|-------------------------|---|
| Frequency range | DC to 12.4 GHz |
| Return loss | ≥ 32.2 dB, DC to 2 GHz ≥ 26.4 dB, 2 GHz to 8 GHz ≥ 21.2 dB, 8 GHz to 12.4 GHz |
| DC Resistance | 50 Ω ± 2.5 Ω |
| Impulse Power (1μs, 1%) | 100 Watts at 25°C environment temperature |
| Power handling | ≤ 0.5 W at 25°C derated linearity to 0 Watts at 155°C |

Mechanical data

| | |
|--------------------|--------------------|
| Mating cycles | ≥ 500 |
| Maximum torque | 1.70 Nm |
| Recommended torque | 0.90 Nm |
| Gauge | 0.00 mm to 0.25 mm |

Environmental data

| | |
|-------------------|-------------------|
| Temperature range | -55 °C to +155 °C |
| RoHS | compliant |

Packing

| | |
|----------|--------------------|
| Standard | 100 pcs in blister |
| Weight | 3.4 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.

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|----------------|----------|---------------|----------|------|---------------------------|------------------|----------|
| Draft | Date | Approved | Date | Rev. | Engineering change number | Name | Date |
| Kerstin Herzog | 10.02.05 | Markus Müller | 15.09.16 | c00 | 16-1390 | Marion Striegler | 15.09.16 |

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