



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

**Interface**

According to

IEC 60169-4, VG 95250, EN 122190, DIN 47223

**Documents**

N/A

**Material and plating**

**Connector parts**

- Center conductor
- Outer conductor
- Dielectric
- Substrate

**Material**

- Beryllium copper
- Brass
- PPE
- Al<sub>2</sub>O<sub>3</sub>

**Plating**

- Silver, 3-6 µm
- Flash white bronze over silver(e.g. Optargen®)

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**Electrical data**

Frequency range DC to 3 GHz  
 Return loss  $\geq 34.1$  dB, DC to 2 GHz  
 $\geq 26.0$  dB, 2 GHz to 3 GHz  
 DC Resistance 50  $\Omega$   
 Power handling  $\leq 2$  W at 25°C  
 derated linearity to 0 Watts at 85°C

**Mechanical data**

Mating cycles  $\geq 500$   
 Coupling nut retention  $\geq 1000$  N  
 Recommended torque 25 to 30 Nm  
 Proof torque  $\leq 35$  Nm

**Environmental data**

Operating temperature range<sup>1</sup> -40 °C to +85 °C  
 Storage temperature range -40 °C to +85 °C  
 2002/95/EC (RoHS) compliant

<sup>1</sup> Temperature range over which these specifications are valid.

**Packing**

Standard 1 pce in bag  
 Weight 85 g/pce

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| Draft  | Date     | Approved   | Date     | Rev.  | Engineering change number | Name             | Date          |
|--|----------|------------|----------|---|---------------------------|------------------|---------------|
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