



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

**Interface**

According to

MIL-STD-348A, Fig. 326

**Documents**

PCB layout

B 122

**Material and plating**

**Non-magnetic version**

**Connector parts**

- Center contact
- Outer contact
- Dielectric

**Material**

- Spring bronze
- Spring bronze
- LCP

**Plating**

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

**Electrical data**

|                           |  |
|---------------------------|--|
| Impedance                 | 50 Ω   |
| Frequency                 | DC to 26.5 GHz                               |
| Return loss               | ≥ 26 dB, DC to 6 GHz<br>≥ 20 dB, 6 to 12 GHz |
| Insertion loss            | ≤ 0.05 x √f(GHz) dB                          |
| Insulation resistance     | ≥ 5 GΩ                                       |
| Center contact resistance | ≤ 6.0 mΩ                                     |
| Outer contact resistance  | ≤ 2.0 mΩ                                     |
| Test voltage              | 500 V rms                                    |
| Working voltage           | 335 V rms                                    |
| Contact Current           | 1.2A DC max.                                 |

- VSWR in application depends decisive on PCB layout -

**Mechanical data**

|                            |           |
|----------------------------|-----------|
| Mating cycles              | ≥ 500     |
| Center contact captivation | ≥ 7 N     |
| Engagement force           |           |
| - limited detent           | 45 N max. |
| Disengagement force        |           |
| - limited detent           | 9 N min.  |

**Environmental data**

|                            |                                      |
|----------------------------|--------------------------------------|
| Temperature range          | -65°C to +155°C                      |
| Thermal shock              | MIL-STD-202, Method 107, Condition B |
| Vibration                  | MIL-STD-202, Method 204, Condition B |
| Shock                      | MIL-STD-202, Method 213, Condition A |
| Moisture resistance        | MIL-STD-202, Method 106              |
| Max. soldering temperature | IEC 61760-1, +260°C for 10 sec.      |
| 2002/95/EC (RoHS)          | compliant                            |

**Tooling**

N/A

**Suitable cables**

N/A

**Packing**

|          |                           |
|----------|---------------------------|
| Standard | 25 pcs in blister, B0025B |
| Weight   | 0.5 g/pce                 |

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|                  |          |               |          |      |                           |             |          |
|------------------|----------|---------------|----------|------|---------------------------|-------------|----------|
| Draft            | Date     | Approved      | Date     | Rev. | Engineering change number | Name        | Date     |
| Michelmann Folke | 17.01.06 | C. Kainzmaier | 07.06.18 | c00  | 18-0940                   | M. Margardt | 07.06.18 |

|  |  |  |  |  |  |  |               |
|--|--|--|--|--|--|--|---------------|
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