

RF TERMINATION Type 6500.42.0001

Description

Precision Termination, Low Power



Product Configuration

| | |
|---------------------|------------------|
| Connector | SK plug (male) |
| Interface standards | MIL-STD-348A/323 |

Technical Data

Electrical Data

| | |
|-------------------|--|
| Nominal Impedance | 50 Ω |
| Frequency range | 0 to 40 GHz |
| VSWR max. | 1.22 |
| Power rating | 1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 85 °C ambient temperature. |

Mechanical Data

| | |
|--------|-----------|
| Weight | 0.0061 kg |
|--------|-----------|

Environmental Data

| | |
|------------------------------|--------------------------------------|
| Operating temperature | -60 °C to 100 °C |
| Storage temperature | -55 °C to 125 °C |
| Thermal shock acc. to | IEC 60169-1, Paragraph 16.4 |
| Vibration acc. to | MIL-STD-202, Method 204, Condition D |
| Mechanical shock acc. to | MIL-STD-202, Method 213, Condition I |
| 2011/65/EU (RoHS - including | not compliant |
| 2015/863 and 2017/2102) | |

Material Data

| Piece Part | Material | Surface Plating |
|----------------|--------------------------------|-----------------|
| Centre contact | Copper Beryllium Alloy | SUCOPRO Plating |
| Outer contact | Copper Beryllium Alloy | SUCOPRO Plating |
| Body | Copper Beryllium Alloy | SUCOPRO Plating |
| Insulator | PPE (Polyphenylene ether, PPO) | |
| Coupling nut | Stainless Steel | |

Related Documents

| | |
|-----------------|--------------|
| Outline drawing | DOU-00016451 |
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Ordering Information

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| Single Packaging | 6500.42.0001 |
| Packaging | |