Data Sheet



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

emperature

Mechanical Data

Weight 0.0061 kg

Environmental Data

Operating temperature $$-60\ ^{\circ}\mathrm{C}$ to 100 $^{\circ}\mathrm{C}$ Storage temperature $$-55\ ^{\circ}\mathrm{C}$ to 125 $^{\circ}\mathrm{C}$

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

Ordering Information

Single Packaging 6500.42.0001 Packaging

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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