Data Sheet

HUBER+SUHNER

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 2015/863 and 2017/2102)	not compliant

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	

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.