Data Sheet



RF Attenuator 6806.17.B

Description

Precision Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2) Interface Standards

N-precision plug (male) / N-precision jack (female) IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

50 O Nominal impedance 6 dB Nominal attenuation

DC to 18 GHz Frequency range

Frequency sub range (GHz) DC to 4 4 to 6 6 to 8 8 to 12.4 12.4 to 18 Attenuation deviation (±dB) 0.3 0.3 0.3 0.5 8.0 VSWR max. 1.15 1.15 1.25 1.1 Power rating

2 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient

500 Watt peak power, 5 µs pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.086 kg

Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)

-55 °C to 130 °C compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	
Body	Stainless Steel	
Body Insulator	Stainless Steel Air Dielectric - Bead - PPH	

Related Documents

Outline drawing DOU-00005244

Ordering Information

6806.17.B Single packaging

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