Data Sheet

RF Attenuator 6803.17.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 Ω Nominal impedance Nominal attenuation 3 dB

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. 1.1 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 -55 °C to 130 °C 2011/65/EU (RoHS) compliant

Material Data

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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
Centre contact Outer contact	Copper Beryllium Alloy Stainless Steel	Gold Plating
		Gold Plating
Outer contact	Stainless Steel	Gold Plating

Related Documents

Outline drawing DOU-00005244

Ordering Information

Single packaging 6803.17.B

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