Data Sheet

RF Attenuator 6810.17.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 10 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 0.6 8.0 VSWR max. 1.1 1.15 1.15 1.25 1.1 Power rating

1 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 B'... B. 4 (-14. 4)

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	
D. J		
Body	Stainless Steel	
Insulator	Stainless Steel Air Dielectric - Bead - PPH	

Related Documents

Outline drawing DOU-00005244

Ordering Information

Single packaging 6810.17.B

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