Data Sheet

RF Attenuator 6603_SMA-50-1/199_N



Description

Standard Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2) Interface Standards

SMA plug (male) / SMA jack (female)

IEC 60169-15_MIL-STD-348A/310_CECC 22110

Technical Data

Electrical Data

Nominal impedance 50 Ω Nominal attenuation 3 dB

DC to 18 GHz Frequency range

Frequency sub range (GHz) DC to 4 8 to 12.4 12.4 to 18 0.3 Attenuation deviation (±dB) 0.3 0.3 0.3 VSWR max. 1.15 1.2 1.25 1.35

Power rating 2 Watt average power up to 25 °C ambient temperature, linearly derated to 0.5 Watt at 125 °C ambient

temperature.

3 μs pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.004 kg

Environmental Data

Operating temperature -65 °C to 125 °C 2011/65/EU (RoHS) compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (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
Outer contact	Stainless Steel	Gold Plating Passivated (Plating)

Related Documents

DOU-00089026 Outline drawing

Ordering Information

Single packaging 6603_SMA-50-1/199_NE

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