Data Sheet

RF Attenuator 5903_SMA-50-005/19-_N



Description

Standard Attenuator, Medium 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

 $\begin{array}{ll} \mbox{Nominal impedance} & \mbox{50 } \Omega \\ \mbox{Nominal attenuation} & \mbox{3 dB} \end{array}$

Frequency range DC to 18 GHz

 Frequency sub range (GHz)
 DC to 4
 4 to 8
 8 to 12.4
 12.4 to 18

 Attenuation deviation (±dB)
 0.3
 0.3
 0.3
 0.3

 VSWR max.
 1.15
 1.2
 1.25
 1.35

Power rating 5 Watt average power up to 25 °C ambient temperature, linearly derated to 1 Watt at 125 °C ambient

temperature.

Mechanical Data

Weight 0.01 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 (without Nickel underplating)
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (Plating)
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	

Related Documents

Outline drawing DOU-00121326

Ordering Information

Single packaging 5903_SMA-50-005/19-_NE

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