Data Sheet

RF Attenuator 5930_SMA-50-010/19-_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

 $\begin{array}{lll} \mbox{Nominal impedance} & 50~\Omega \\ \mbox{Nominal attenuation} & 30~\mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 18 GHz} \end{array}$

 Frequency sub range (GHz)
 DC to 6
 6 to 12.4
 12.4 to 18

 Attenuation deviation (±dB)
 0.3
 0.3
 0.5

 VSWR max.
 1.2
 1.3
 1.4

Power rating 10 Watt average power up to 25 °C ambient temperature, linearly derated to 2 Watt at 125 °C ambient

temperature.

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

Mechanical Data

Weight 0.025 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	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (Plating)
Piece Part (side2)	Material	Surface Plating
Piece Part (side2) Centre contact	Material Copper Beryllium Alloy	Surface Plating Gold Plating
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Centre contact	Copper Beryllium Alloy	Gold Plating
Centre contact Outer contact	Copper Beryllium Alloy Stainless Steel	Gold Plating Passivated (Plating)

Related Documents

Outline drawing DOU-00121742

Ordering Information

Single packaging 5930_SMA-50-010/19-_NE

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