Data Sheet

RF Attenuator 6810.01.A



Description

Standard Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2) Interface Standards BNC plug (male) / BNC jack (female)

IEC 60169-8_MIL-STD-348A/301_CECC 22120

Technical Data

Electrical Data

 $\begin{array}{lll} \mbox{Nominal impedance} & \mbox{50 } \Omega \\ \mbox{Nominal attenuation} & \mbox{10 dB} \\ \mbox{Frequency range} & \mbox{DC to 4 GHz} \end{array}$

 Frequency sub range (GHz)
 DC to 2
 2 to 4

 Attenuation deviation (±dB)
 0.3
 0.5

 VSWR max.
 1.1
 1.2

Power rating 1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient

temperature.

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

Mechanical Data

Weight 0.025 kg

Environmental Data

Operating temperature -55 °C to 130 °C 2011/65/EU (RoHS) compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) 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 Brass	Gold Plating SUCOPLATE (R) Plating

Related Documents

Outline drawing DOU-00005238

Ordering Information

Single packaging 6810.01.A

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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