Data Sheet



RF Attenuator 6606_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 50Ω Nominal attenuation 6 dB

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

temperature.

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

Mechanical Data

Weight 0.004 kg

Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -65 °C to 125 °C compliant

Material Data

Material	Surface Plating
Copper Beryllium Alloy	Gold Plating
Stainless Steel	Passivated (Plating)
Stainless Steel	Passivated (Plating)
PTFE (Polytetrafluoroethylene)	
Stainless Steel	Passivated (Plating)
Material	Surface Plating
Copper Beryllium Alloy	Gold Plating
Stainless Steel	Passivated (Plating)
Stainless Steel	Passivated (Plating)
PTFE (Polytetrafluoroethylene)	
	Copper Beryllium Alloy Stainless Steel Stainless Steel PTFE (Polytetrafluoroethylene) Stainless Steel Material Copper Beryllium Alloy Stainless Steel Stainless Steel

Related Documents

Outline drawing DOU-00089026

Ordering Information

Single packaging 6606_SMA-50-1/199_NE

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

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