Data Sheet



RF Attenuator 6603_SMA-50-3/199_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

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

Frequency range DC to 23 GHz

Frequency sub range (GHz) DC to 4 4 to 8 8 to 12.4 12.4 to 18 18 to 23 Attenuation deviation (±dB) 0.3 0.3 0.3 0.3 0.4 VSWR max. 1.25 1.35 1.4

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

Power rating

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

| 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 |
| Outer contact | Stainless Steel | Passivated (Plating) |
| Body | Stainless Steel | Passivated (Plating) |
| Insulator | PTFE (Polytetrafluoroethylene) | |

Related Documents

Outline drawing DOU-00121527

Ordering Information

Single packaging 6603_SMA-50-3/199_NE

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

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