

RF Attenuator 6810.01.A

Description

Standard Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2) BNC plug (male) / BNC jack (female)
Interface Standards IEC 60169-8_MIL-STD-348A/301_CECC 22120

Technical Data

Electrical Data

| | | |
|-----------------------------|---|--------|
| Nominal impedance | 50 Ω | |
| Nominal attenuation | 10 dB | |
| Frequency range | DC to 4 GHz | |
| 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 - including compliant
2015/863 and 2017/2102)

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 |
| Centre contact | Copper Beryllium Alloy | Gold Plating |
| Outer contact | Brass | SUCOPLATE (R) Plating |
| Body | Brass | SUCOPLATE (R) Plating |
| Insulator | PFA / PTFE | |

Related Documents

Outline drawing DOU-00005238

Ordering Information

Single packaging 6810.01.A

Mouser Electronics

Authorized Distributor

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