# **Data Sheet**

# RF Attenuator 6903.02.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**

 $\begin{array}{lll} \mbox{Nominal impedance} & 75~\Omega \\ \mbox{Nominal attenuation} & 3~\mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 1 GHz} \end{array}$ 

 Frequency sub range (GHz)
 DC to 0.5
 0.5 to 0.7
 0.7 to 1

 Attenuation deviation (±dB)
 0.3
 0.3
 0.8

 VSWR max.
 1.1
 1.15
 1.15

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	Brass	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 DCA-00005012

### **Ordering Information**

Single packaging 6903.02.A

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