# **Data Sheet**



# RF Attenuator 6603\_SMA-50-2/199\_N

### **Description**

Standard Attenuator, Low Power



## **Product Configuration**

Connector (side 1 / side 2) SMA plug (male) / SMA jack (female)

Interface Standards IEC 60169-15\_MIL-STD-348A/310\_CECC 22110

#### **Technical Data**

**Electrical Data** 

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 3 \ dB \\ \mbox{Frequency range} & DC \ to \ 6 \ GHz \\ \mbox{Attenuation deviation (<math>\pm dB$ )} & 0.6 \\ \mbox{VSWR max.} & 1.2 \\ \end{array}

Power rating 2 Watt average power up to 25 °C ambient temperature, linearly derated to 1.1 Watt at 85 °C ambient

emperature.

**Mechanical Data** 

Weight 0.004 kg

**Environmental Data** 

Operating temperature -20 °C to 85 °C 2011/65/EU (RoHS - including 2015/863 and 2017/2102) 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-00089026

# **Ordering Information**

Single packaging 6603\_SMA-50-2/199\_NE

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