Data Sheet



RF Attenuator 6809_N-50-1/1--_N

Description

Standard Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2)
Interface Standards

N plug (male) / N jack (female)

IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

 $\begin{array}{lll} \mbox{Nominal impedance} & 50~\Omega \\ \mbox{Nominal attenuation} & 9~dB \\ \mbox{Frequency range} & DC to 6~GHz \\ \mbox{Attenuation deviation (<math>\pm dB$)} & 0.5 \\ \end{array}

VSWR max. 1.25

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

temperature.

Mechanical Data

Weight 0.0657 kg

Environmental Data

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

Material Data

Centre contact Copper Beryllium Alloy Gold Plating (without Nickel underplating) Outer contact Brass Tri-metal Plating Body Brass Tri-metal Plating Insulator PTFE (Polytetrafluoroethylene) Coupling nut Brass Piece Part (side2) Material Surface Plating Centre contact Copper Beryllium Alloy Gold Plating (without Nickel underplating) Outer contact Brass Tri-metal Plating Body Brass Tri-metal Plating Insulator PTFE (Polytetrafluoroethylene)	Piece Part (side 1)	Material	Surface Plating
Body Brass Tri-metal Plating Insulator PTFE (Polytetrafluoroethylene) Coupling nut Brass Piece Part (side2) Material Surface Plating Centre contact Copper Beryllium Alloy Gold Plating (without Nickel underplating) Outer contact Brass Body Brass Tri-metal Plating	Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator PTFE (Polytetrafluoroethylene) Coupling nut Brass Piece Part (side2) Material Surface Plating Centre contact Copper Beryllium Alloy Gold Plating (without Nickel underplating) Outer contact Brass Body Brass Tri-metal Plating	Outer contact	Brass	
Coupling nut Brass Piece Part (side2) Material Surface Plating Centre contact Copper Beryllium Alloy Gold Plating (without Nickel underplating) Outer contact Brass Body Brass Tri-metal Plating	Body	Brass	Tri-metal Plating
Piece Part (side2) Material Surface Plating Centre contact Copper Beryllium Alloy Gold Plating (without Nickel underplating) Outer contact Brass Body Brass Tri-metal Plating	Insulator	PTFE (Polytetrafluoroethylene)	
Centre contact Copper Beryllium Alloy Gold Plating (without Nickel underplating) Outer contact Brass Body Brass Tri-metal Plating	Coupling nut	Brass	
Outer contact Brass Body Brass Tri-metal Plating	Piece Part (side2)	Material	Surface Plating
Body Brass Tri-metal Plating	Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
	Outer contact	Brass	
Insulator PTFE (Polytetrafluoroethylene)	Body	Brass	Tri-metal Plating
	Insulator	PTFE (Polytetrafluoroethylene)	

Related Documents

Outline drawing DOU-00113052

Ordering Information

Single packaging 6809_N-50-1/1--_NE

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

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