Data Sheet

HUBER+SUHNER

RF TERMINATION
Type 6701.17.A

Description

Feed Through Termination, Low Power



Product Configuration

Connectors (side 1 / side 2)	N plug (male) / N jack (female)
Interface standards	IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

Nominal Impedance	50 Ω	
Frequency range	0 to 0.5 GHz	
Frequency sub range	DC to 0.2 GHz	0.2 to 0.5 GHz
VSWR max.	1.12	1.3
Power rating	0.5 Watt average power up to 70 ˚C ambient temperature, linearly derated to 0 Watt at 125 ˚C ambient temperature. 500 Watt peak power	

Mechanical Data

Weight	0.066 kg

Environmental Data

Operating temperature	-40 °C to 125 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

Material Data

Piece Part (side1)	Material	Surface Plating
Centre contact	Brass	Gold Plating (without Nickel underplating)
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 (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing	DOU-00005473

Ordering Information

Single Packaging Packaging	6701.17.A

Additional Information

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Remarks

DC resistance: 50 Ohm +/- 1 %
VSWR 1.09 typ. up to 200 MHz
VSWR 1.24 typ. up to 500 MHz

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.