

Electrical Specifications											
Frequency:	DC - 18.0 GHz										
Impedance:	50 Ohms										
VSWR:	1.06 + 0.005 x f (GHz)										
Insertion Loss:	0.2 dB max. @ 18.0 GHz and +25 °C										
RF Leakage:	-90 dB max. to 3.0 GHz -75 dB max. to 18.0 GHz										
Insulation Resistance:	shall not be less than 5,000 megaohms										
Dielectric Withstanding Voltage:	2,500 Volts rms at Sea Level										
RF High Potential Withstanding Voltage:	1,500 Volts rms at 5 MHz										
Materials											
Steel	Corrosion resistant 1.4305 per DIN EN 10088-3 (ASTM-A-582-80)										
Copper Beryllium	33-25 CuBe2Pb H per DIN 17666 (ASTM-B-196)										
Brass	CuZn39Pb3; CW614N, per DIN EN 12163/12164 (ASTM-B-16)										
Thermoplast	per DIN EN ISO 10350										
Finish											
Stainless Steel	shall be passivated per ASTM-A-967										
Copper Beryllium	Centre Contacts shall be gold plated to a minimum thickness of 127 µm [0.0005"] per ASTM-B-488, Type III, Code C, Class 1.25										
Brass	shall be gold plated to a minimum thickness of 0.75 µm [0.0003"] per ASTM-B-488, Type III, Code C, Class 0.75										
	Ferrules shall be gold plated to a minimum thickness of 0.75 µm [0.0003"] per ASTM-B-488, Type III, Code C, Class 0.75										

DRAWING-SETS		SURFACE TREATMENT		ADM. TOL.		SURFACE		SCALE		DESCRIPTION	
8001-NN61-02							ISO 1302		MATERIAL		WIGHT
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