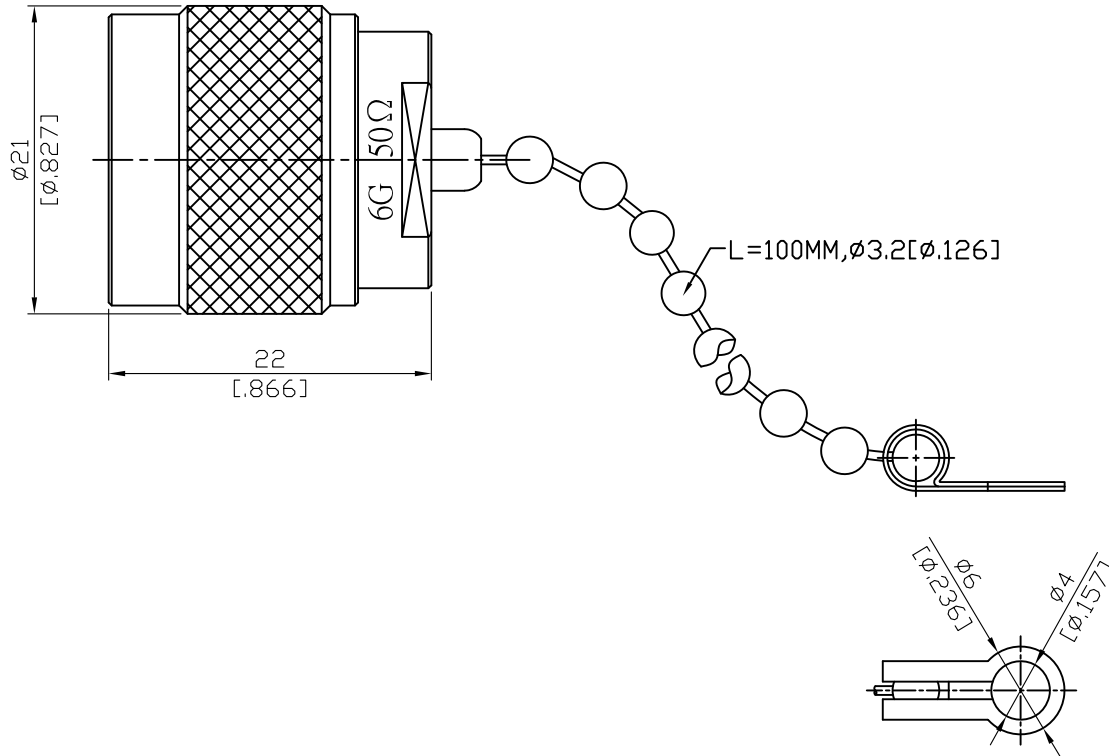


N3980-0006

2Watt 50Ω N Plug Termination  
With Chain; 6GHz VSWR 1.2

50Ω



2W average power from -55°C to 70°C linearly derated to 1 Watt at 165°C

Parts	Material	Plating ( Micro-inch )
Chain	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	

Weight: 33.12g

N	N3980-0006																		
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> <p>MIL-STD-348B</p>																			
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Impedance</td> <td style="text-align: right;">50Ω</td> </tr> <tr> <td>Frequency range</td> <td style="text-align: right;">DC to 6GHz</td> </tr> <tr> <td>VSWR</td> <td style="text-align: right;">≤ 1.2 (DC to 6GHz)</td> </tr> <tr> <td>Insertion loss</td> <td style="text-align: right;">≤ 0.05 x √f(GHz) dB</td> </tr> <tr> <td>Insulation resistance</td> <td style="text-align: right;">≥ 5000MΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td style="text-align: right;">≤ 1.5mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td style="text-align: right;">≤ 1mΩ</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td style="text-align: right;">2500 V rms</td> </tr> <tr> <td>Working voltage (at sea level)</td> <td style="text-align: right;">1000 V rms</td> </tr> </table>		Impedance	50Ω	Frequency range	DC to 6GHz	VSWR	≤ 1.2 (DC to 6GHz)	Insertion loss	≤ 0.05 x √f(GHz) dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 1.5mΩ	Contact resistance outer conductor	≤ 1mΩ	Dielectric withstanding voltage (at sea level)	2500 V rms	Working voltage (at sea level)	1000 V rms
Impedance	50Ω																		
Frequency range	DC to 6GHz																		
VSWR	≤ 1.2 (DC to 6GHz)																		
Insertion loss	≤ 0.05 x √f(GHz) dB																		
Insulation resistance	≥ 5000MΩ																		
Contact resistance inner conductor	≤ 1.5mΩ																		
Contact resistance outer conductor	≤ 1mΩ																		
Dielectric withstanding voltage (at sea level)	2500 V rms																		
Working voltage (at sea level)	1000 V rms																		
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Recommended coupling nut torque</td> <td style="text-align: right;">6 to 10 inch lbs</td> </tr> <tr> <td>Coupling proof torque</td> <td style="text-align: right;">15 inch lbs</td> </tr> <tr> <td>Coupling nut retention force</td> <td style="text-align: right;">≥ 101.2 lbs</td> </tr> <tr> <td>Contact captivation-axial</td> <td style="text-align: right;">≥ 6.3 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td style="text-align: right;">≥ 500</td> </tr> </table>		Recommended coupling nut torque	6 to 10 inch lbs	Coupling proof torque	15 inch lbs	Coupling nut retention force	≥ 101.2 lbs	Contact captivation-axial	≥ 6.3 lbs	Durability (mating)	≥ 500								
Recommended coupling nut torque	6 to 10 inch lbs																		
Coupling proof torque	15 inch lbs																		
Coupling nut retention force	≥ 101.2 lbs																		
Contact captivation-axial	≥ 6.3 lbs																		
Durability (mating)	≥ 500																		
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Temperature range</td> <td style="text-align: right;">-55°C to +165°C</td> </tr> <tr> <td>Thermal shock</td> <td style="text-align: right;">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td>Moisture resistance</td> <td style="text-align: right;">MIL-STD-202, Method 106</td> </tr> <tr> <td>Corrosion</td> <td style="text-align: right;">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td>RoHS</td> <td style="text-align: right;">Compliant</td> </tr> </table>		Temperature range	-55°C to +165°C	Thermal shock	MIL-STD-202, Method 107, Condition B	Moisture resistance	MIL-STD-202, Method 106	Corrosion	MIL-STD-202, Method 101, Condition B	RoHS	Compliant								
Temperature range	-55°C to +165°C																		
Thermal shock	MIL-STD-202, Method 107, Condition B																		
Moisture resistance	MIL-STD-202, Method 106																		
Corrosion	MIL-STD-202, Method 101, Condition B																		
RoHS	Compliant																		
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Tooling</div>																			

Notice: JYEBAO reserves the right to make modifications deemed appropriate.