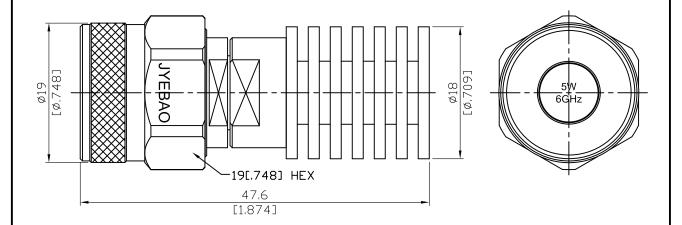


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HPTS-NM0/6G5W50 5 Watt N Plug Termination 6GHz VSWR 1.2 50Ω



5W average power from -55°C to +70°C linearly derated to 1.5W at 165°C

Parts	Material	Plating ( Micro-inch )	
Retainer Ring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50	
Gasket	Silicone		
N Coupling Nut	Stainless Steel	Passivated	
Body	Aluminium	Black Anodized100	
Insulator	Teflon		
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	
N Body	Stainless Steel	Passivated	

This part number complies with RoHS.

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

N		HPTS-NM0/6G5W50
Interface		
MIL-STD-348B		
Electrical Data		
Impedance		50Ω
Frequency range		DC to 6GHz
VSWR		$\leq$ 1.2 (DC to 6GHz)
Insertion loss		$\leq$ 0.05 x $\sqrt{f(GHz)}$ dB
Insulation resistance		$\geq$ 5000M $\Omega$
Contact resistance inner con-	ductor	≦1.5mΩ
Contact resistance outer con	ductor	≦1mΩ
Dielectric withstanding voltage	je (at sea level)	2500 V rms
Working voltage (at sea level	)	1000 V rms
Mechanical Data		
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
Environmental Data		
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
Tooling		

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