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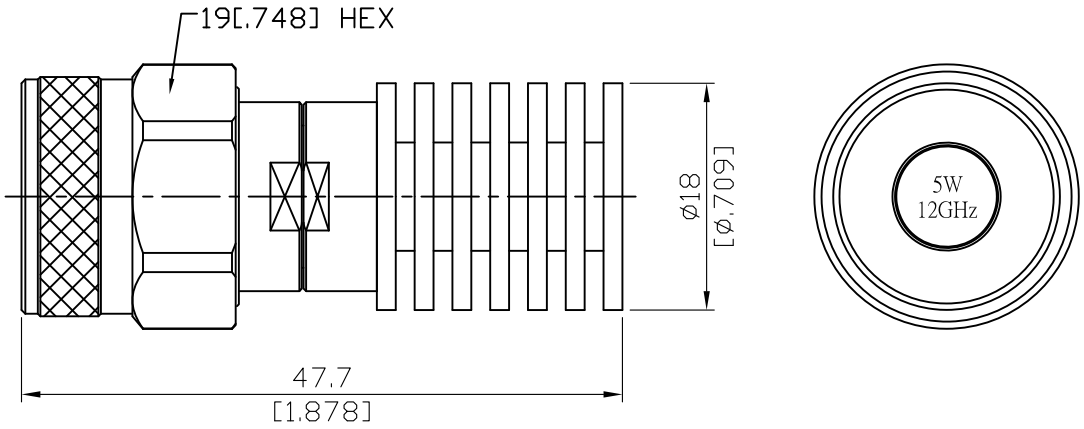
HPT-NM0/12G5W50	5 Watt 50ohm N Plug Termination 12.4GHz VSWR 1.2	50Ω



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	
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Heat Sink	Aluminum	Black Chromium 100
Insulator	Teflon	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 38.7 g

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

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N	HPT-NM0/12G5W50

Interface

MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 12.4GHz
VSWR	≦1.2 (DC to 12.4GHz)
Insertion loss	≦0.05 x $\sqrt{f(GHz)}$ 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

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