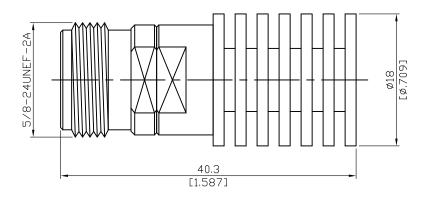


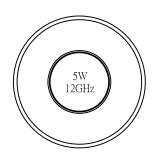
www.jyebao.com.tw

HPT-NF0/12G5W50

5 Watt 50ohm N Jack Termination 12GHz 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)
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

N		HPT-NF0/12G5W50
Interface		
MIL-STD-348B		
Electrical Data		
Impedance		50Ω
Frequency range		DC to 12.4GHz
VSWR		\leq 1.2 (DC to 12.4GHz)
Insertion loss		\leq 0.05 x $\sqrt{f(GHz)}$ dB
Insulation resistance		\geq 5000M Ω
Contact resistance inner cor	nductor	\leq 1.5m Ω
Contact resistance outer cor	nductor	$\leq 1 m \Omega$
Dielectric withstanding voltage	ge (at sea level)	2500 V rms
Working voltage (at sea leve	el)	1000 V rms
Mechanical Data		
Recommended coupling nut	torque	6 to 10 inch lbs
Coupling proof torque	•	15 inch 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		
. 5019		

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