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N Jack Bulkhead; Hermetic N8505F-0000/HS 50Ω 11GHz VSWR 1.2 5/8-24UNEF-2A 5/8-24UNEF-2A 7.5 MAX. [.295 MAX.] Gasket [ø,866] Ø16.1 13.7 [.539] 15 [.591] [.531] MOUNTING HOLE 27 19 [1,063] [.748] [1.339]

Hermetic 1X10⁻⁶cc/sec of helium at 1atm

Parts	Material	Plating (Micro-inch)
Solder Tag	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

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

N		N8505F-0000/HS
Interface		
MIL-STD-348B		
Electrical Data		
Impedance		50Ω
Frequency range		DC to 11GHz
VSWR		\leq 1.2 (DC to 11GHz)
Insertion loss		\leq 0.05 x $\sqrt{f(GHz)}$ dB
Insulation resistance		\geq 5000M Ω
Contact resistance inner con-	ductor	≤1.5mΩ
Contact resistance outer con	ductor	$\leq 1 m \Omega$
Dielectric withstanding voltage	je (at sea level)	2500 V rms
Working voltage (at sea level	1)	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		-65°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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