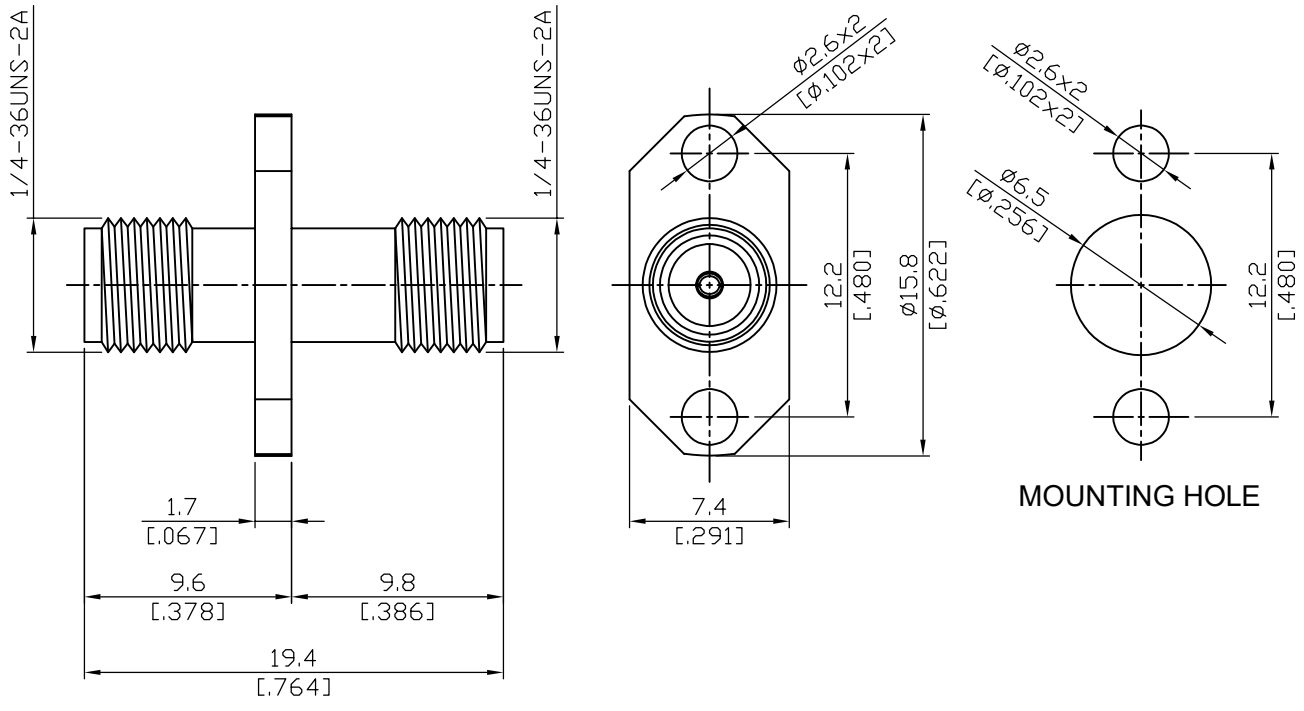
AD-A8A8-P2A	SMA jack to SMA jack with 2-hole flange 18GHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

AD-A8A8-P2A	SMA Jack to SMA Jack 2 Hole Flange 18GHz VSWR 1.2

Interface

Standard	MIL-STD-348B
Mechanically compatible with	2.92 & 3.5

Electrical Data

Impedance	50Ω
Frequency Range	DC To 18GHz
VSWR	≦1.2 (DC To 18GHz)
Insertion Loss	≦0.04 x $\sqrt{}$f(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	1500 V rms
Working Voltage (at sea level)	500 V rms

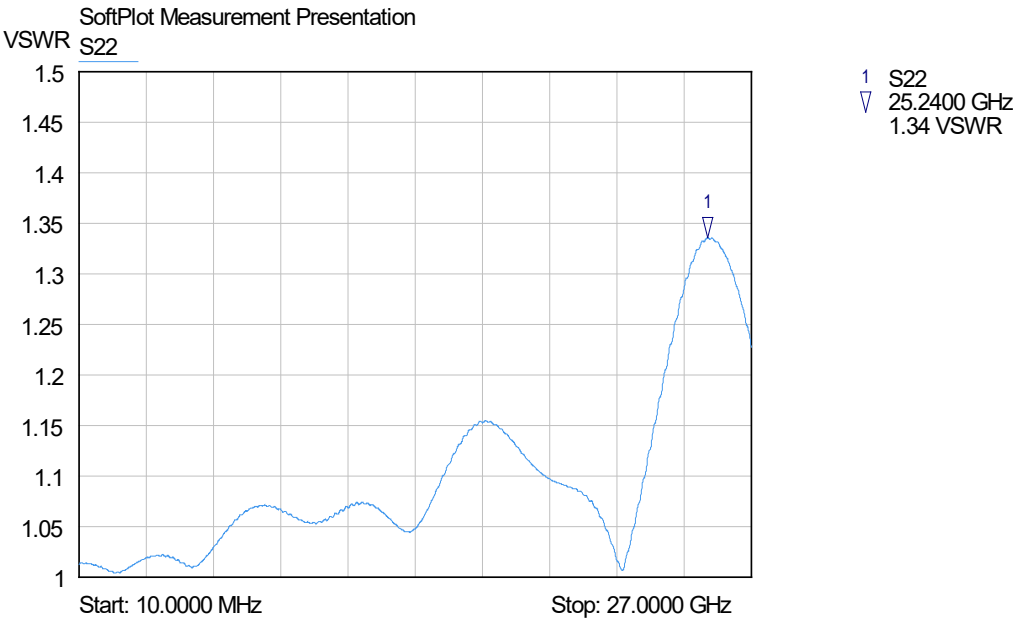
Mechanical Data

Recommended Coupling Nut Torque	4 in-lbs
Coupling Proof Torque	5.3 in-lbs
Contact Captivation-axial	≧6.1 lbs
Durability (mating)	≧100

Environmental Data

Temperature Range	-65°C to +165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Moisture Resistance	MIL-STD-202, Method 206
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

AD-A8A8-P2A



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