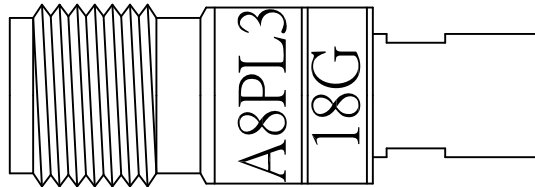
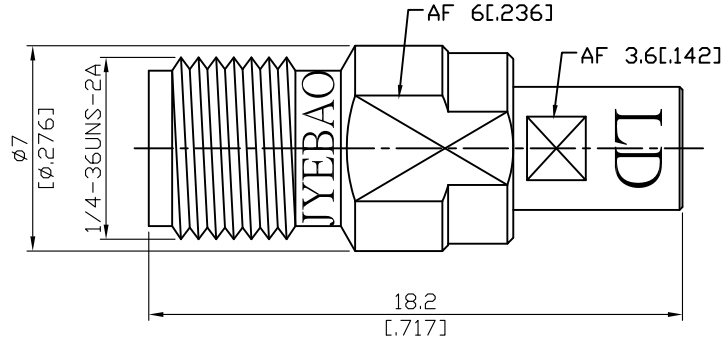


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ADS-A8PL3-18-1.15

SMA Jack To SMP Plug Limited Detent
18GHz VSWR 1.15

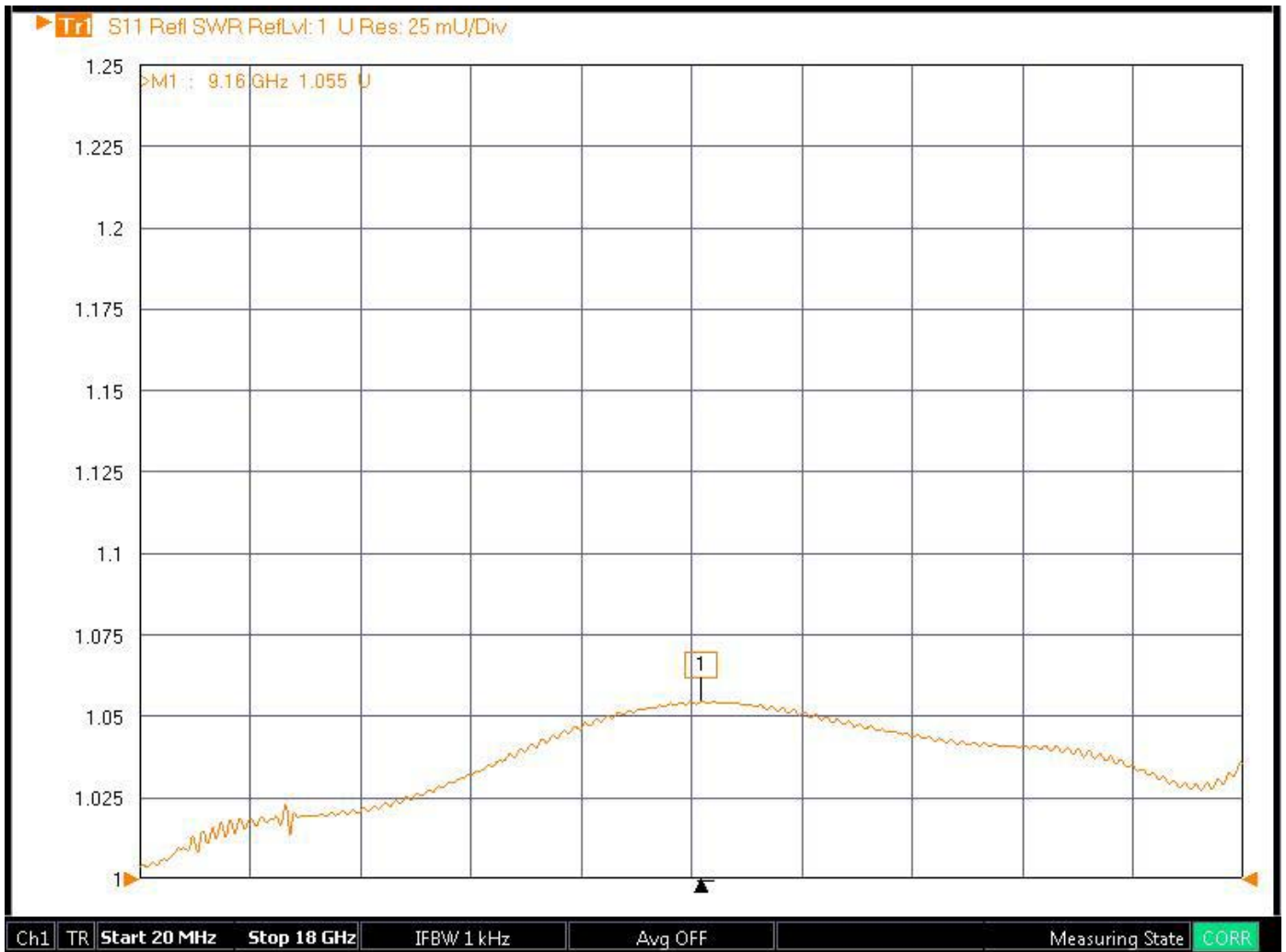
50Ω



Parts	Material	Plating (Micro-inch)
Ring	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator (SMP)	PPO	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator (SMA)	Teflon	
Body	Stainless Steel	Passivated

ADS-A8PL3-18-1.15	SMA Jack To SMP Plug Limited Detent 18GHz VSWR 1.15			
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> Standard Mechanically compatible with	SMA	SMP		
	MIL-STD-348B	MIL-STD-348B		
	2.92 & 3.5			
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level)	50Ω DC To 18GHz ≤ 1.15 (DC To 18GHz) ≤ 0.06 x √f(GHz) dB ≥ 5000MΩ 500 V rms 335 V rms			
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended Coupling Nut Torque Coupling Proof Torque Contact Captivation-axial Durability (mating) Engagement Force Disengagement Force Axial Misalignment Radial Misalignment	SMA	SMP		
		Full detent	Limited detent	Smooth bore Catchers Mit
	7 to 9.5 in-lbs	NA	NA	NA
	15 in-lbs	NA	NA	NA
	≥ 6.1 lbs	NA	NA	NA
	≥ 500	≥ 100	≥ 500	≥ 1000
	NA	≤ 15 lbs	≤ 10 lbs	≤ 2 lbs
	NA	≥ 5 lbs	≥ 2 lbs	≥ 0.5 lbs
	NA	+0.00/-0.25(+.000/-0.010)		
	NA	+/-0.25(0.010)		
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> Temperature Range Thermal Shock Moisture Resistance Corrosion RoHS	-65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 206 MIL-STD-202, Method 101, Condition B Compliant			

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