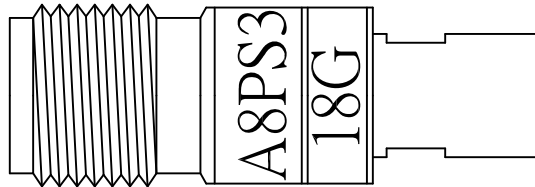
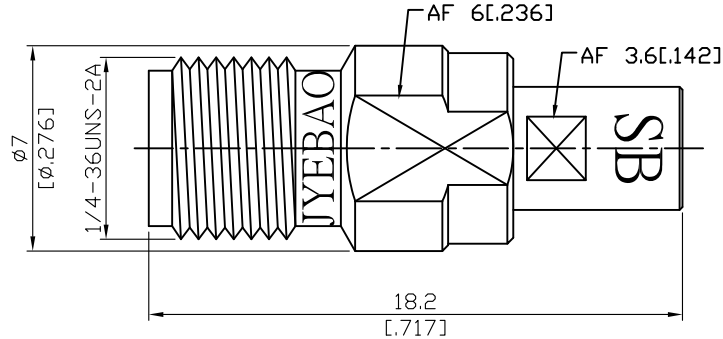


ADS-A8PS3-18-1.15

SMA Jack To SMP Plug Smooth Bore  
18GHz VSWR 1.15

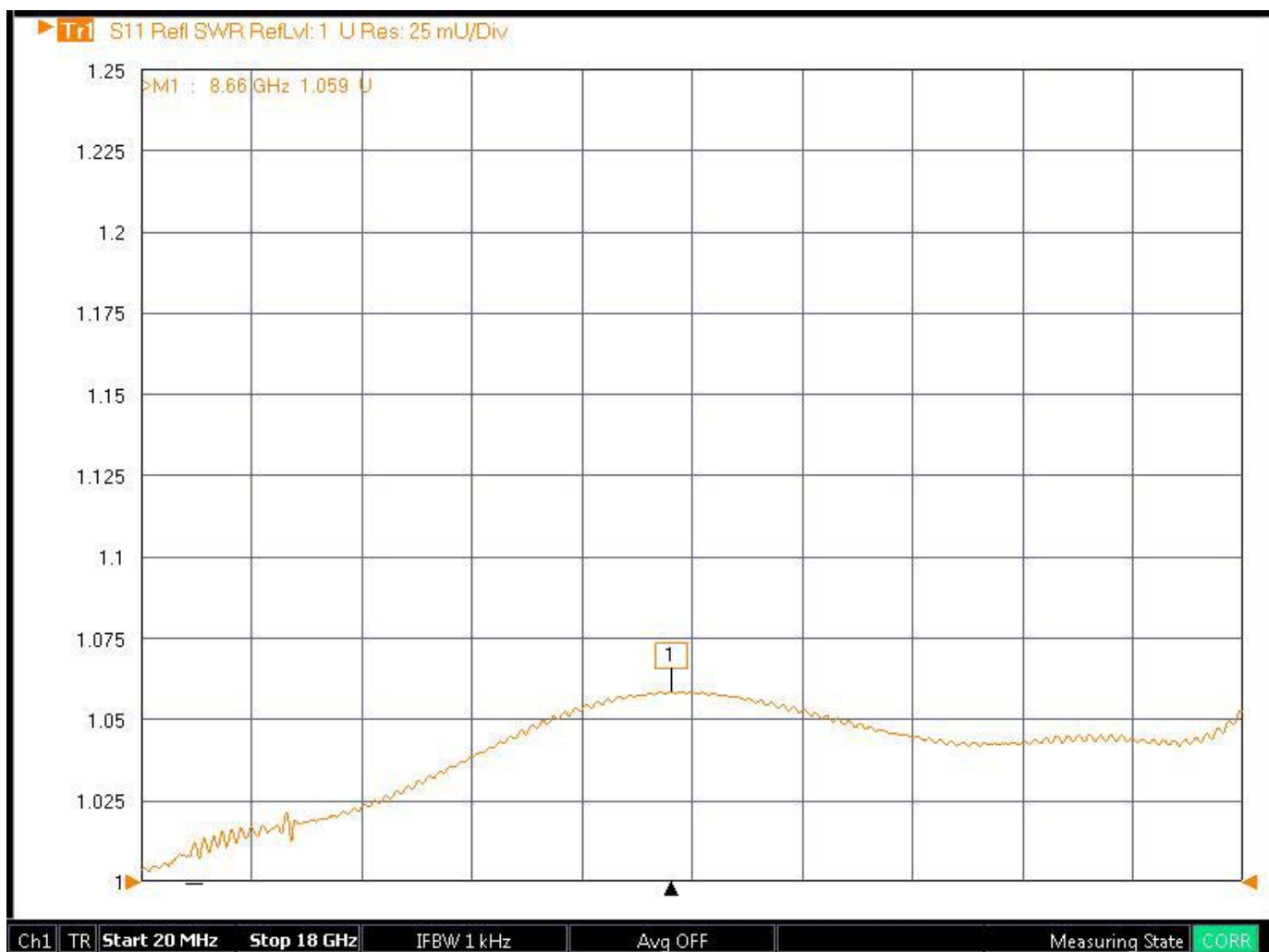
50Ω



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

ADS-A8PS3-18-1.15	SMA Jack To SMP Plug Smooth Bore 18GHz VSWR 1.15																																						
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> Standard Mechanically compatible with		SMA MIL-STD-348B 2.92 & 3.5	SMP MIL-STD-348B																																				
<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 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;"></th> <th style="width: 25%;">Full detent</th> <th style="width: 25%;">Limited detent</th> <th style="width: 25%;">Smooth bore Catchers Mit</th> </tr> </thead> <tbody> <tr> <td>7 to 9.5 in-lbs</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>15 in-lbs</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>≥ 6.1 lbs</td> <td>NA</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>≥ 500</td> <td>≥ 100</td> <td>≥ 500</td> <td>≥ 1000</td> </tr> <tr> <td>NA</td> <td>≤ 15 lbs</td> <td>≤ 10 lbs</td> <td>≤ 2 lbs</td> </tr> <tr> <td>NA</td> <td>≥ 5 lbs</td> <td>≥ 2 lbs</td> <td>≥ 0.5 lbs</td> </tr> <tr> <td>NA</td> <td colspan="3">+0.00/-0.25(+.000/-.010)</td> </tr> <tr> <td>NA</td> <td colspan="3">+/-0.25(0.010)</td> </tr> </tbody> </table>		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/-.010)			NA	+/-0.25(0.010)		
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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	-55°C to +105°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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