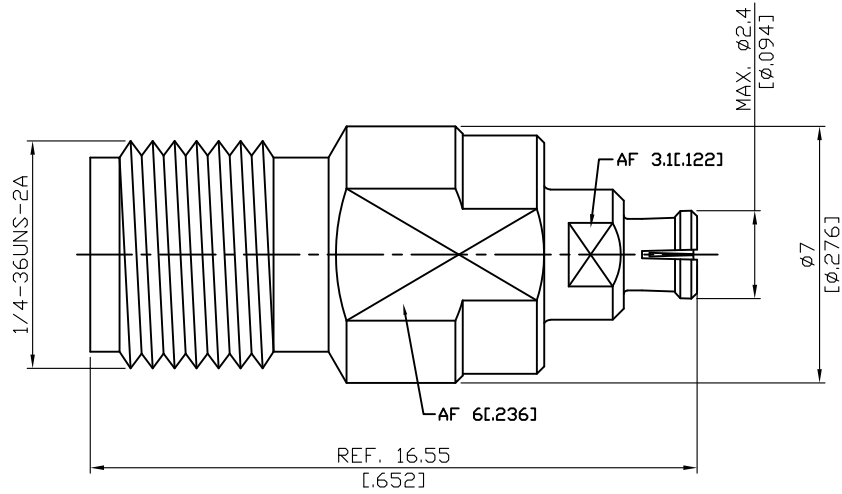


ADS-A8PM8-18-1.15	SMA Jack To SMPM Jack 18GHz VSWR 1.15	50Ω
-------------------	--	-----



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

--	--

This part number complies with RoHS.

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

ADS-A8PM8-18-1.15		SMA Jack To SMPM Jack 18GHz VSWR 1.15	
<b>Interface</b>		SMA	SMPM
Standard		MIL-STD-348B	MIL-STD-348B
Mechanically compatible with		2.92 & 3.5	
<b>Electrical Data</b>			
Impedance		50Ω	
Frequency Range		DC To 18GHz	
VSWR		≤ 1.15 (DC To 18GHz)	
Insertion Loss		≤ 0.06 x √f(GHz) dB	
Insulation Resistance		≥ 5000MΩ	
Dielectric Withstanding Voltage (at sea level)		325 V rms	
<b>Mechanical Data</b>		SMA	SMPM
			Full detent   Smooth bore
Recommended Coupling Nut Torque		7 to 9.5 in-lbs	NA   NA
Coupling Proof Torque		15 in-lbs	NA   NA
Contact Captivation-axial		≥ 6.1 lbs	≥ 1.5 lbs   ≥ 1.5 lbs
Durability (mating)		≥ 500	≥ 100   ≥ 1000
Engagement Force		NA	3.5 lbs typ   1.5 lbs typ
Disengagement Force		NA	5.0 lbs typ   1.5 lbs typ
<b>Environmental Data</b>			
Temperature Range		-55°C to +105°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	

# ADS-A8PM8-18-1.15

