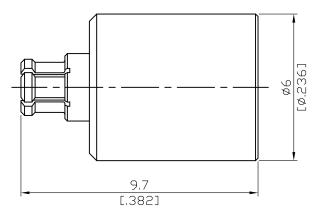


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SMPM8900-0006 SMPM Jack Termination 1W 6GHz VSWR 1.2

50Ω





1W average power from -40°C to +70°C linearly derated to 0.5W at 165°C

Parts	Material	Plating ( Micro-inch )		
Body	Beryllium Copper	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		
Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20		
Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20		

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SMPM		SMPM8900-0006			
Interface					
MIL-STD-348B					
Electrical Data					
Impedance	50Ω				
Frequency range	DC to 6GHz				
VSWR	≦1.2 (DC to 6GHz)				
Insertion loss	$\leq$ 0.1 x $\sqrt{f(GHz)}$ dB				
Insulation resistance	$\geq$ 5000 M $\Omega$				
Contact resistance inner cor	≤6mΩ				
Contact resistance outer cor	≤2mΩ				
Dielectric withstanding voltage	325				
Mechanical Data		Full Detent	Smooth bore		
Engagement force		3.5 typical	1.5 typical	lbs	
Disengagement force	5.0 typical	1.5 typical	lbs		
Durability (mating)		<u>≥100</u>	≥1000		
Contact pin captivation	 ≧1.5lbs				
Environmental Data					
Temperature range		-40°C to +105°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					

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