

SMPM8900-0065-1.61 Watt 50ohm SMPM jack termination 50GHz VSWR 1.65							
W 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					



SMPM	SMPM8900-0065-1.6			
Interface				
MIL-STD-348B				
Electrical Data				
Impedance	50Ω			
Frequency range	DC to 65GHz			
VSWR	≤ 1.6 (DC to 65GHz)			
Insertion loss	≤0.1 x $√$ f(GHz) dB			
Insulation resistance	\geq 5000 M Ω			
Contact resistance inner cor	$\leq 6m\Omega$			
Contact resistance outer cor	$\leq 2m\Omega$			
Dielectric withstanding volta	325			
Mechanical Data		Full Detent	Creath have	
Engagement force		Full Detent	Smooth bore	lbo
Disengagement force	<u>3.5 typical</u>	1.5 typical	lbs	
Durability (mating)		<u>5.0 typical</u> ≧100	1.5 typical ≧1000	lbs
Contact pin captivation		<u> </u>		
	≥ 1.005			
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			
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Tooling				
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Notice: JYEBAO reserves the right to make modifications deemed appropriate.