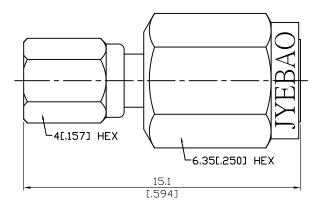


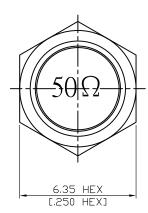
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SSMC3900-0011

2 Watt 50ohm SSMC Plug Termination 11GHz VSWR 1.2

50Ω





2 Watt average power from -55°C to +70°C linearly derated to 1 watt at 165°C.

Parts	Material	Plating (Micro-inch)
Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
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SSMC	SSMC3900-0011	
Electrical Data		
Impedance		50Ω
Frequency range		DC to 11GHz
VSWR		≤1.2 (DC to 11GHz)
Insertion loss		\leq 0.1 x $\sqrt{f(GHz)}dB$
Insulation resistance		\geq 10000M Ω
Contact resistance inner conductor		≤5mΩ
Contact resistance outer cor	nductor	≤2.5mΩ
Dielectric withstanding voltage (at sea level)		500 V rms
Working voltage (at sea level)		175 V rms
RF- leakage		≧70dB to 1GHz
Mechanical Data		
Recommended coupling nut torque		1.8 to 2 inch lbs
Coupling proof torque		2.6 inch lbs
Coupling nut retention force		≧22.5 lbs
Contact captivation-axial		≧1.8 lbs
Durability (mating)		≥500
Environmental Data		
Temperature range	•	-65°C to +165°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		
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Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SSMC3900-0011

