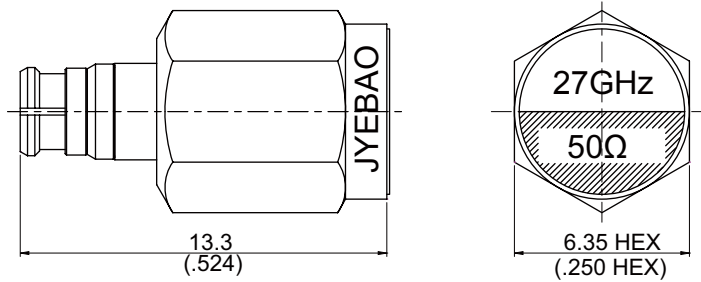


SMP8900-0027-1.2	1 Watt 50ohm SMP Jack Termination 27GHz VSWR 1.2	50Ω
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1W Average Power From -40°C to +70°C Linearly Derated To 0.5 Watt at 165°C

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

This part number complies with RoHS.

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

SMP	SMP8900-0027-1.2																										
<div style="border: 1px solid black; padding: 2px;">Interface</div> MIL-STD-348B																											
<div style="border: 1px solid black; padding: 2px;">Electrical Data</div> Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working Voltage (at sea level) RF-Leakage	50Ω DC to 27GHz ≤ 1.2 (DC to 27GHz) ≤ .06 x √f(GHz) dB ≥ 5000 MΩ ≤ 6mΩ ≤ 2mΩ 500 335 ≥ 80dB (3GHz); ≥ 65dB (3~26.5GHz)																										
<div style="border: 1px solid black; padding: 2px;">Mechanical Data</div> Engagement force Disengagement force Durability (mating) Axial misalignment Radial misalignment	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Full Detent</th> <th style="text-align: center;">Limited Detent</th> <th style="text-align: center;">Smooth bore & catchers mit</th> <th></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">≤ 15</td> <td style="text-align: center;">≤ 10</td> <td style="text-align: center;">≤ 2</td> <td style="text-align: center;">lbs</td> </tr> <tr> <td style="text-align: center;">≥ 5</td> <td style="text-align: center;">≥ 2</td> <td style="text-align: center;">≥ 0.5</td> <td style="text-align: center;">lbs</td> </tr> <tr> <td style="text-align: center;">≥ 100</td> <td style="text-align: center;">≥ 500</td> <td style="text-align: center;">≥ 1000</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">+ 0.00 / -0.25 (+.000 / -.010)</td> </tr> <tr> <td colspan="4" style="text-align: center;">±0.25 (0.010)</td> </tr> </tbody> </table>	Full Detent	Limited Detent	Smooth bore & catchers mit		≤ 15	≤ 10	≤ 2	lbs	≥ 5	≥ 2	≥ 0.5	lbs	≥ 100	≥ 500	≥ 1000		+ 0.00 / -0.25 (+.000 / -.010)				±0.25 (0.010)					
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<div style="border: 1px solid black; padding: 2px;">Environmental Data</div> Temperature range Thermal shock Moisture resistance Corrosion RoHS	-40°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant																										
<div style="border: 1px solid black; padding: 2px;">Tooling</div>																											