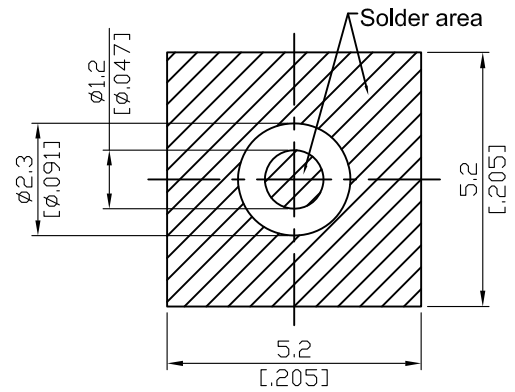
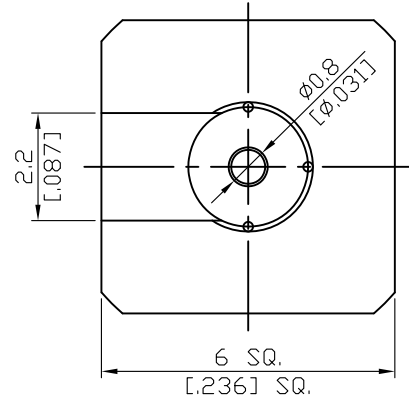
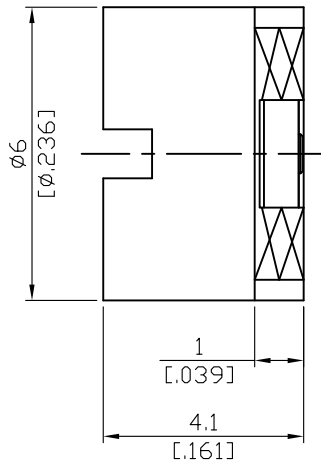
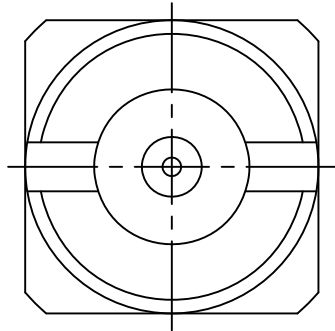


SMP34TM-CM00

SMP Plug Catchers Mit PCB Surface Mount
18GHz VSWR 1.2

50Ω



MOUNTING HOLE (PCB LAY-OUT)

Parts	Material	Plating (Micro-inch)
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	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	SMP34TM-CM00																		
<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 18GHz ≤ 1.2 (DC to 18GHz) $\leq .06 \times \sqrt{f(\text{GHz})}$ dB ≥ 5000 MΩ $\leq 6\text{m}\Omega$ $\leq 2\text{m}\Omega$ 500 335 $\geq 80\text{dB}$ (3GHz); $\geq 65\text{dB}$ (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="padding: 2px;">Full Detent</th> <th style="padding: 2px;">Limited Detent</th> <th style="padding: 2px;">Smooth bore & catchers mit</th> <th style="padding: 2px;"></th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 2px;">≤ 15</td> <td style="text-align: center; padding: 2px;">≤ 10</td> <td style="text-align: center; padding: 2px;">≤ 2</td> <td style="text-align: center; padding: 2px;">lbs</td> </tr> <tr> <td style="text-align: center; padding: 2px;">≥ 5</td> <td style="text-align: center; padding: 2px;">≥ 2</td> <td style="text-align: center; padding: 2px;">≥ 0.5</td> <td style="text-align: center; padding: 2px;">lbs</td> </tr> <tr> <td style="text-align: center; padding: 2px;">≥ 100</td> <td style="text-align: center; padding: 2px;">≥ 500</td> <td style="text-align: center; padding: 2px;">≥ 1000</td> <td></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)
Full Detent	Limited Detent	Smooth bore & catchers mit																	
≤ 15	≤ 10	≤ 2	lbs																
≥ 5	≥ 2	≥ 0.5	lbs																
≥ 100	≥ 500	≥ 1000																	
<div style="border: 1px solid black; padding: 2px;">Environmental Data</div> Temperature range Thermal shock Moisture resistance Corrosion RoHS	-65°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>																			

SMP34TM-CM00

S11

