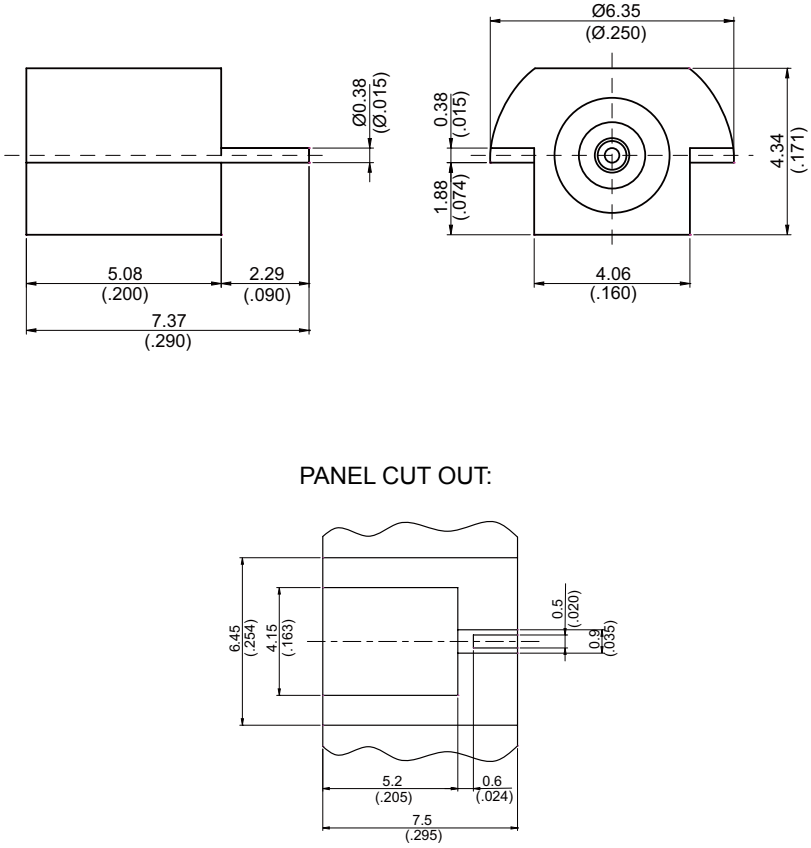


| SMP3400P-LD00 | SMP Limited Detent Plug PCB Edge Mount With Round Contact (Φ0.38); 18GHz VSWR 1.2 | 50Ω | | | | | | | | | | | | |
|--|--|--|----------------------|-------------|-------|--|-----------|--------|--|------|-------|--|--|--|
|  <p style="text-align: center;">PANEL CUT OUT:</p> | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Parts</th> <th>Material</th> <th>Plating (Micro-inch)</th> </tr> </thead> <tbody> <tr> <td>Contact Pin</td> <td>Brass</td> <td>Gold 4 Over Nickel-Phosphorous Alloy 80 Over Copper 20</td> </tr> <tr> <td>Insulator</td> <td>Teflon</td> <td></td> </tr> <tr> <td>Body</td> <td>Brass</td> <td>Gold 4 Over Nickel-Phosphorous Alloy 80 Over Copper 20</td> </tr> </tbody> </table> | Parts | Material | Plating (Micro-inch) | Contact Pin | Brass | Gold 4 Over Nickel-Phosphorous Alloy 80 Over Copper 20 | Insulator | Teflon | | Body | Brass | Gold 4 Over Nickel-Phosphorous Alloy 80 Over Copper 20 | | |
| Parts | Material | Plating (Micro-inch) | | | | | | | | | | | | |
| Contact Pin | Brass | Gold 4 Over Nickel-Phosphorous Alloy 80 Over Copper 20 | | | | | | | | | | | | |
| Insulator | Teflon | | | | | | | | | | | | | |
| Body | Brass | Gold 4 Over Nickel-Phosphorous Alloy 80 Over Copper 20 | | | | | | | | | | | | |
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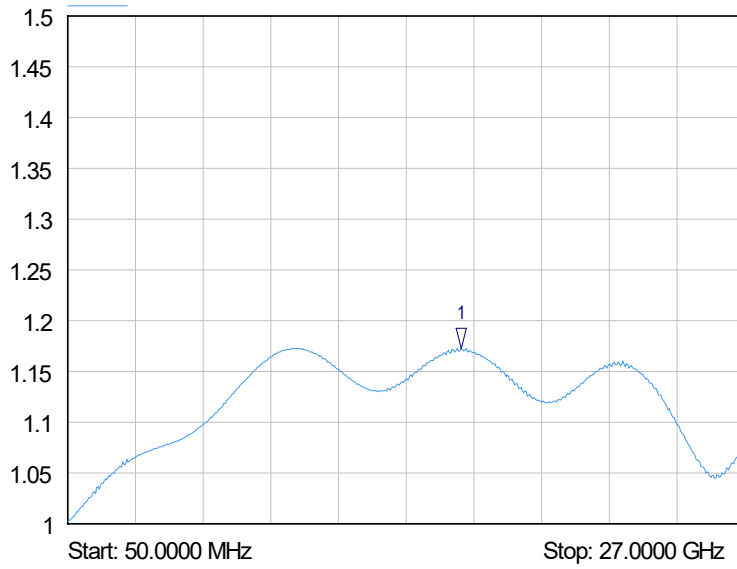
This part number complies with RoHS.

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

| SMP | SMP3400P-LD00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------|----------------|----------------------------|-----|--|-------------|----------------|----------------------------|--|------------------|-----------|-----------|----------|-----|---------------------|----------|----------|------------|-----|---------------------|------------|------------|-------------|--|--------------------|--------------------------------|--|--|--|---------------------|------------------------|--|--|--|
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">Interface</div> MIL-STD-348B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">Electrical Data</div> Impedance 50Ω Frequency range DC to 18GHz VSWR ≤ 1.2 (DC to 18GHz) Insertion loss $\leq .06 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000 \text{ M}\Omega$ Contact resistance inner conductor $\leq 6\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 500 Working Voltage (at sea level) 335 RF-Leakage $\geq 80\text{dB}$ (3GHz); $\geq 65\text{dB}$ (3~26.5GHz) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">Mechanical Data</div> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>Full Detent</th> <th>Limited Detent</th> <th>Smooth bore & catchers mit</th> <th></th> </tr> </thead> <tbody> <tr> <td>Engagement force</td> <td>≤ 15</td> <td>≤ 10</td> <td>≤ 2</td> <td>lbs</td> </tr> <tr> <td>Disengagement force</td> <td>≥ 5</td> <td>≥ 2</td> <td>≥ 0.5</td> <td>lbs</td> </tr> <tr> <td>Durability (mating)</td> <td>≥ 100</td> <td>≥ 500</td> <td>≥ 1000</td> <td></td> </tr> <tr> <td>Axial misalignment</td> <td colspan="4">+ 0.00 / -0.25 (+.000 / -.010)</td> </tr> <tr> <td>Radial misalignment</td> <td colspan="4">± 0.25 (0.010),min</td> </tr> </tbody> </table> | | | | | | Full Detent | Limited Detent | Smooth bore & catchers mit | | Engagement force | ≤ 15 | ≤ 10 | ≤ 2 | lbs | Disengagement force | ≥ 5 | ≥ 2 | ≥ 0.5 | lbs | Durability (mating) | ≥ 100 | ≥ 500 | ≥ 1000 | | Axial misalignment | + 0.00 / -0.25 (+.000 / -.010) | | | | Radial misalignment | ± 0.25 (0.010),min | | | |
| | Full Detent | Limited Detent | Smooth bore & catchers mit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engagement force | ≤ 15 | ≤ 10 | ≤ 2 | lbs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disengagement force | ≥ 5 | ≥ 2 | ≥ 0.5 | lbs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Durability (mating) | ≥ 100 | ≥ 500 | ≥ 1000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Axial misalignment | + 0.00 / -0.25 (+.000 / -.010) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radial misalignment | ± 0.25 (0.010),min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">Environmental Data</div> 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">Tooling</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SMP3400P-LD00

SoftPlot Measurement Presentation
VSWR S22



1 S22
▽ 15.7000 GHz
1.17 VSWR