



ELECTRICAL:

1. Impedance: 50 Ω ;
2. Frequency: DC~40GHz;
3. VSWR/Return Loss: ≤ 1.2 ;
4. Insertion Loss: $\leq 0.06 \sqrt{\text{dB}}$;
5. Insulation Resistance: $\geq 5000M \Omega$;
6. Dielectric Withstanding Voltage(AC): 500 Vrms.

MATERIAL & PLATING:

1. Contact: Beryllium Copper, Gold;
2. Insulation: PTFE;
3. Outer Conductor: Brass, Gold.

ENVIRONMENTAL & MECHANICAL:

1. Temperature Range: -55 $^{\circ}\text{C}$ ~+155 $^{\circ}\text{C}$;
2. RoHS: Compliant.

All dimensions are in mm,
all angles are in degrees.

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|---|-------|---|--------------|----------------|
| TITLE | | PART NO. | SMP-JFD100-L | |
| SMP Male Full Detent RF Connector - 2-Hole Flange Mount, 8.3mm Hole Spacing, 0.3mm Pin Diameter | | DWG. NO. | --- | |
| | | DATE | --- | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | Mechanc (Shanghai) Information Technology Co., Ltd. www.mechanc.com sales@mechanc.com | | |
| X ± 0.50 XX ± 0.10 X ± 0.20 ANGLES $\pm 1^{\circ}$ | SCALE | | | VIEW DIRECTION |
| | 6:1 | | | |
| SHEET: 1/1 | REV. | V1.0 | | |