



ELECTRICAL:

1. Impedance: 50Ω ;
2. Frequency: DC~40GHz;
3. VSWR/Return Loss: ≤ 1.2 ;
4. Insertion Loss: $\leq 0.06 \sqrt{\text{fdB}}$;
5. Insulation Resistance: $\geq 5000M \Omega$;
6. Dielectric Withstanding Voltage(AC): 500 Vrms;
7. Seal: $\leq 1.013 \times 10^{-3} \text{Pa} \cdot \text{cm}^3/\text{s}(\text{He})$.

ENVIRONMENTAL & MECHANICAL:

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

MATERIAL & PLATING:

1. Contact: Kovar alloy, Gold;
2. Insulation: Glass;
3. Outer Conductor: Kovar alloy, Gold.

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

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|---|--------------------|---|---------------|
| TITLE | | PART NO. | SMP(M)-JHD2-L |
| SMPM Male Limited Detent Hermetically Sealed RF Connector - Solder Pin Terminal | | DWG. NO. | --- |
| | | DATE | --- |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | Mechanc (Shanghai) Information Technology Co., Ltd. | |
| X ± 0.50 XX ± 0.10 X ± 0.20 ANGLES $\pm 1^{\circ}$ | SCALE 12:1 | www.mechanc.com sales@mechanc.com | |
| SHEET: 1/1 | VIEW DIRECTION | REV. | V1.0 |