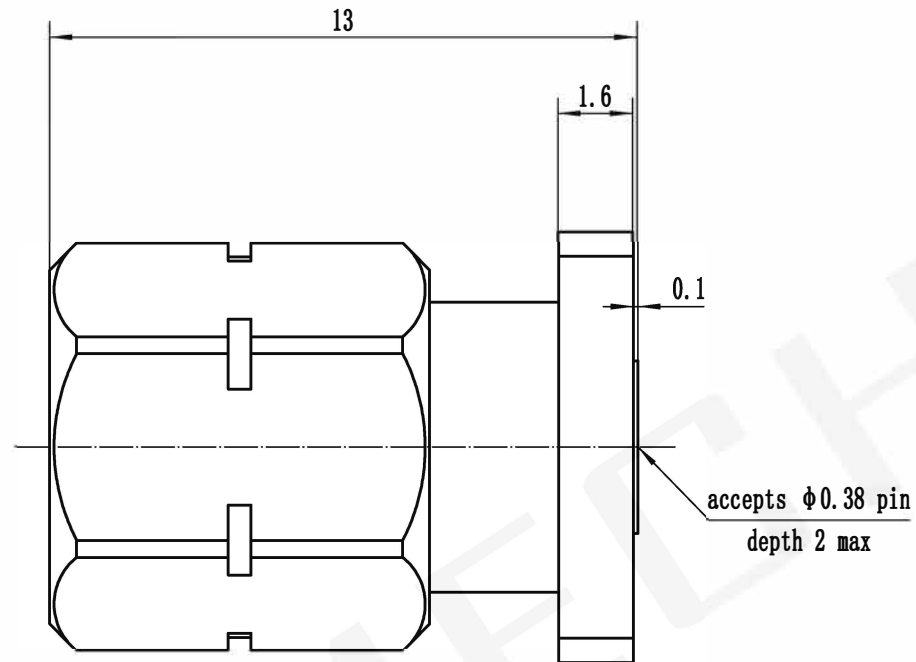




#### ELECTRICAL:

1. Impedance:  $50\ \Omega$ ;
2. Frequency: DC~50GHz;
3. VSWR/Return Loss:  $\leq 1.18$ ;
4. Insertion Loss:  $\leq 0.06\ \text{dB}$ ;
5. Insulation Resistance:  $\geq 5000\text{M}\ \Omega$ ;
6. Dielectric Withstanding Voltage(AC): 500 Vrms.

#### ENVIRONMENTAL & MECHANICAL:

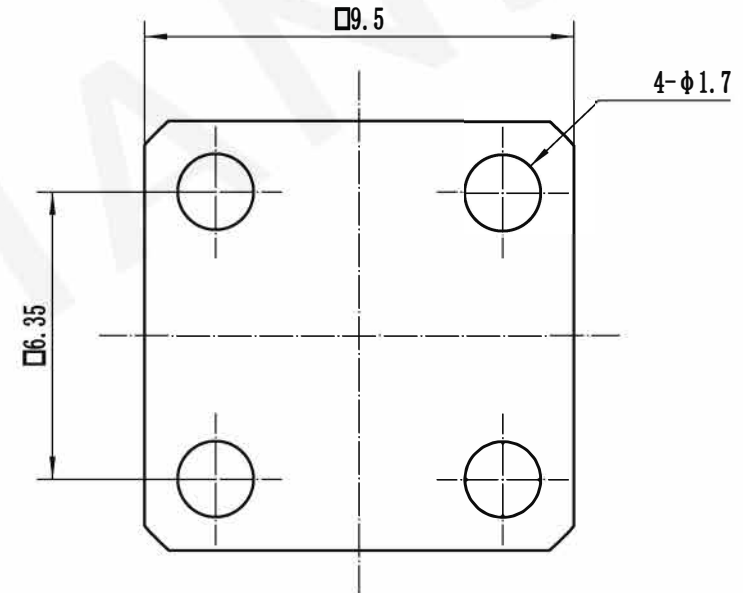
1. Temperature Range:  $-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$ ;
2. RoHS: Compliant.

#### MATERIAL & PLATING:

1. Contact: Beryllium Copper, Gold;
2. Insulation: PEI;
3. Outer Conductor: Stainless steel, Passivated.

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

#### Flange dimensions:



|                                                                                                                 |              |                    |                                                                                                 |          |
|-----------------------------------------------------------------------------------------------------------------|--------------|--------------------|-------------------------------------------------------------------------------------------------|----------|
| TITLE<br>2.4mm Male Field Replaceable<br>RF Connector - 4 Hole Flange Mount,<br>6.35mm Hole Spacing, 0.38mm Pin |              |                    | PART NO.                                                                                        | 2.4-JFD8 |
|                                                                                                                 |              |                    | DWG. NO.                                                                                        | ---      |
|                                                                                                                 |              |                    | DATE                                                                                            | ---      |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED<br>X $\pm 0.50$ XX $\pm 0.10$<br>X $\pm 0.20$ ANGLES $\pm 1^{\circ}$   | SCALE<br>6:1 | VIEW DIRECTION<br> | Mechanc (Shanghai) Information Technology Co., Ltd.<br><br>www.mechanc.com<br>sales@mechanc.com |          |
| SHEET: 1/1                                                                                                      | REV.         | V1.0               |                                                                                                 |          |