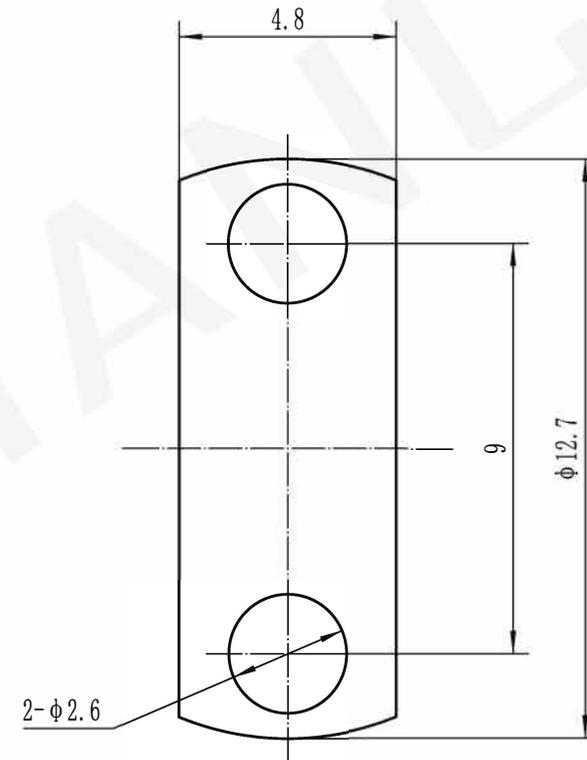


Flange dimensions:



**ELECTRICAL:**

1. Impedance:  $50 \Omega$  ;
2. Frequency: DC~26.5GHz;
3. VSWR/Return Loss:  $\leq 1.1$ ;
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: PEI;
3. Outer Conductor: Stainless steel, Passivated.

**ENVIRONMENTAL & MECHANICAL:**

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

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

|   |                |  |           |
|---|----------------|--|-----------|
| TITLE   |                | PART NO.   | 3.5-JFD35 |
| <b>3.5mm Male Field Replaceable<br/>RF Connector - 2 Hole Flange Mount,<br/>12.7mm Hole Spacing, 0.51mm Pin</b>           |                | DWG. NO.   | ---       |
|   |                | DATE   | ---       |
| <small>TOLERANCES UNLESS OTHERWISE SPECIFIED</small><br>X $\pm 0.50$ XX $\pm 0.10$<br>X $\pm 0.20$ ANGLES $\pm 1^{\circ}$ |                | Mechanc (Shanghai) Information Technology Co., Ltd.  |           |
| SCALE   | VIEW DIRECTION | <a href="http://www.mechanc.com">www.mechanc.com</a><br><a href="mailto:sales@mechanc.com">sales@mechanc.com</a> |           |
| 6:1   |                |  |           |
| SHEET: 1/1  | REV.           | V1.0   |           |