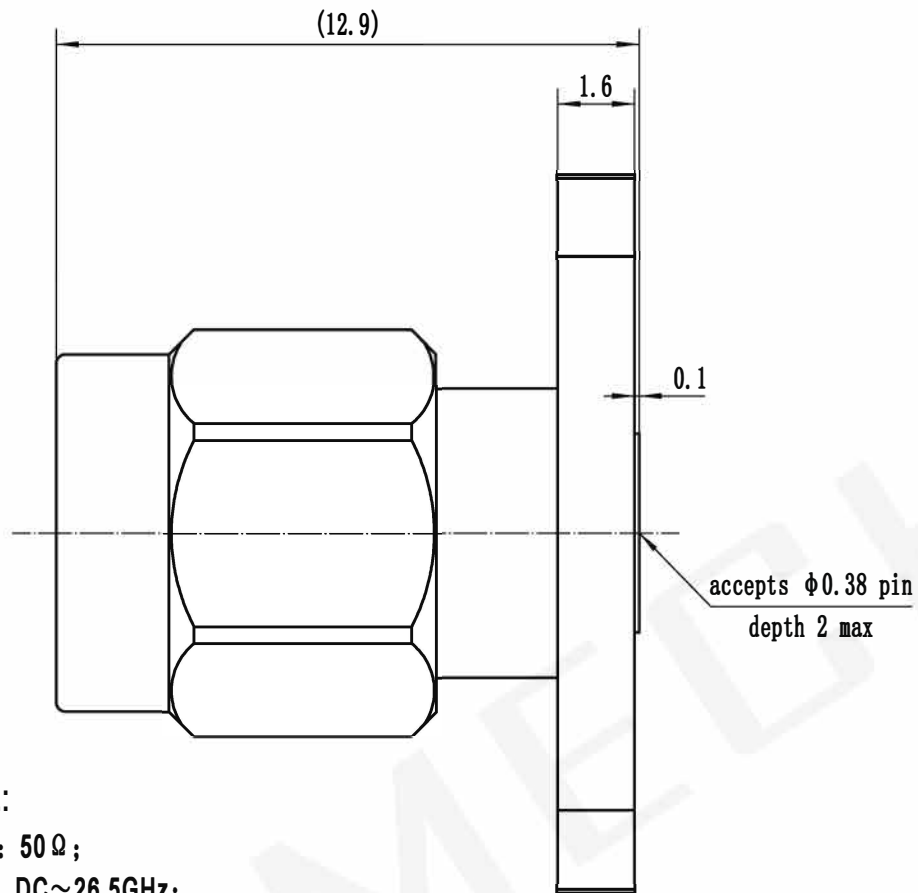




#### ELECTRICAL:

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.

#### ENVIRONMENTAL & MECHANICAL:

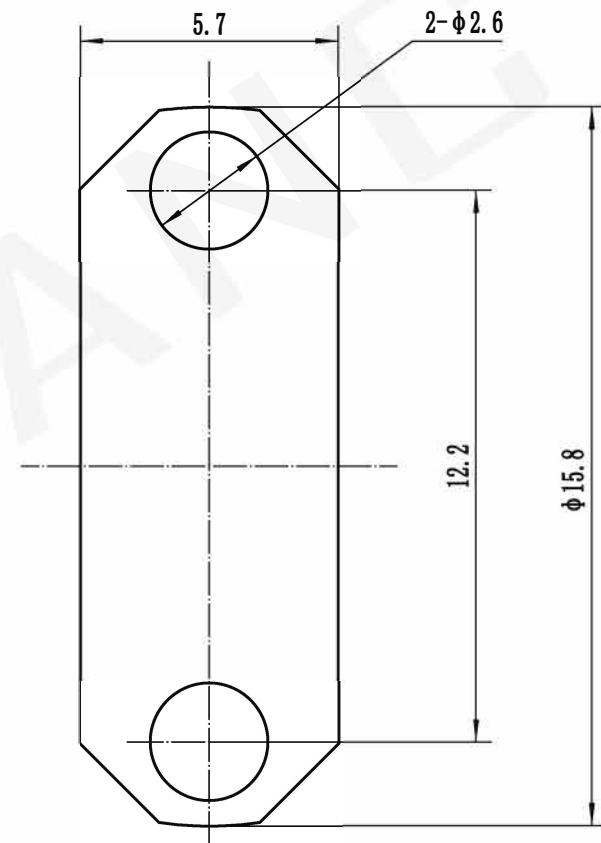
1. Temperature Range:  $-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$ ;
2. RoHS: Compliant.

#### 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>3.5mm Male Field Replaceable<br>RF Connector - 2 Hole Flange Mount,<br>12.22mm Hole Spacing, 0.38mm Pin |              |                    | PART NO.                                                                                        | 3.5-JFD21 |
|                                                                                                                  |              |                    | 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               |                                                                                                 |           |