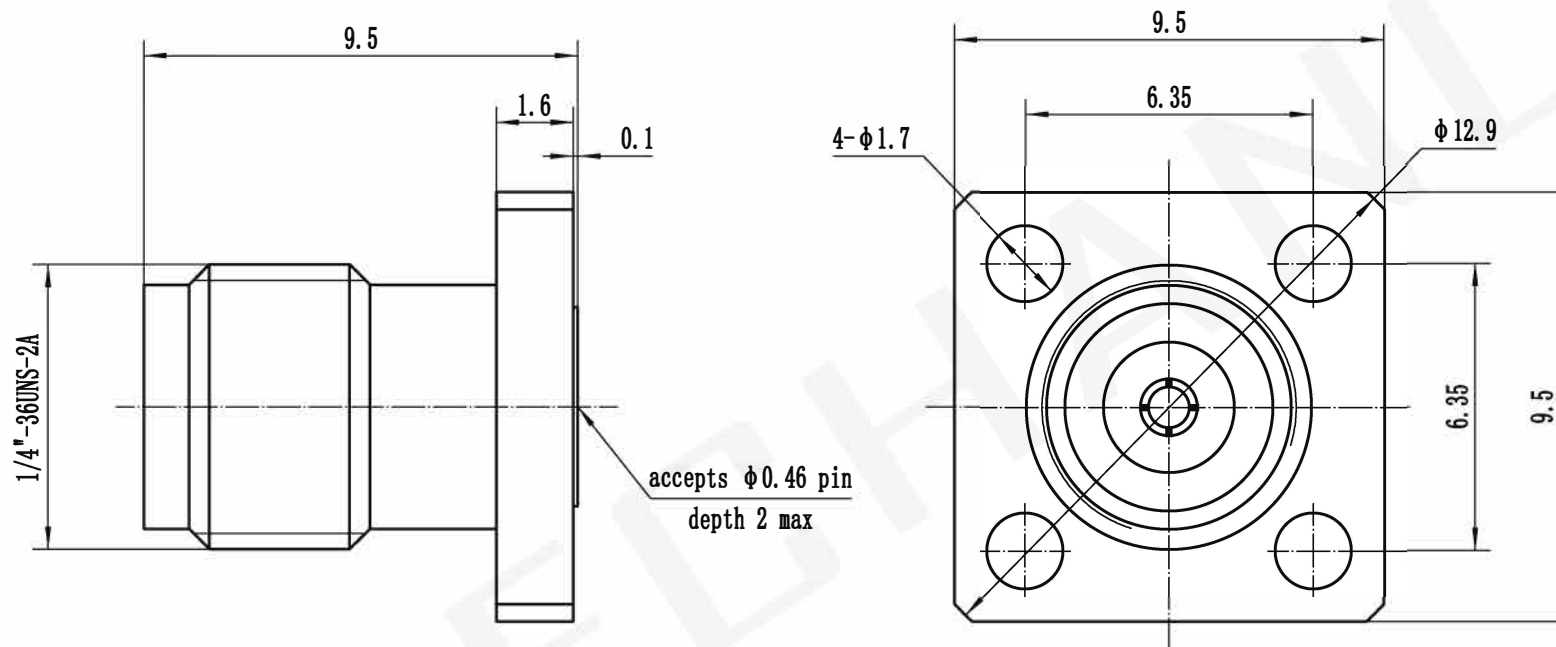




#### ELECTRICAL:

1. Impedance:  $50 \Omega$ ;
2. Frequency: DC~40GHz;
3. VSWR/Return Loss:  $\leq 1.15$ ;
4. Insertion Loss:  $\leq 0.06 \text{ dB}$ ;
5. Insulation Resistance:  $\geq 5000 M\Omega$ ;
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.

|                                                                                                                             |       |                                                                                                         |          |           |
|-----------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------|----------|-----------|
| TITLE<br>2.92mm Female 4-Hole Flange Mount RF<br>Connector – Field Replaceable, 6.35mm<br>Hole Spacing, 0.46mm Pin Diameter |       |                                                                                                         | PART NO. | 2.92-KFD9 |
|                                                                                                                             |       |                                                                                                         | DWG. NO. | ---       |
|                                                                                                                             |       |                                                                                                         | DATE     | ---       |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED<br>X ±0.50 XX ±0.10<br>X ±0.20 ANGLES ±1°                                          | SCALE | VIEW DIRECTION<br> |          |           |
|                                                                                                                             | 6:1   |                                                                                                         |          |           |
| SHEET: 1/1                                                                                                                  |       | REV.                                                                                                    | V1.0     |           |
| Mechanc (Shanghai) Information Technology Co., Ltd.<br><br>www.mechanc.com<br>sales@mechanc.com                             |       |                                                                                                         |          |           |