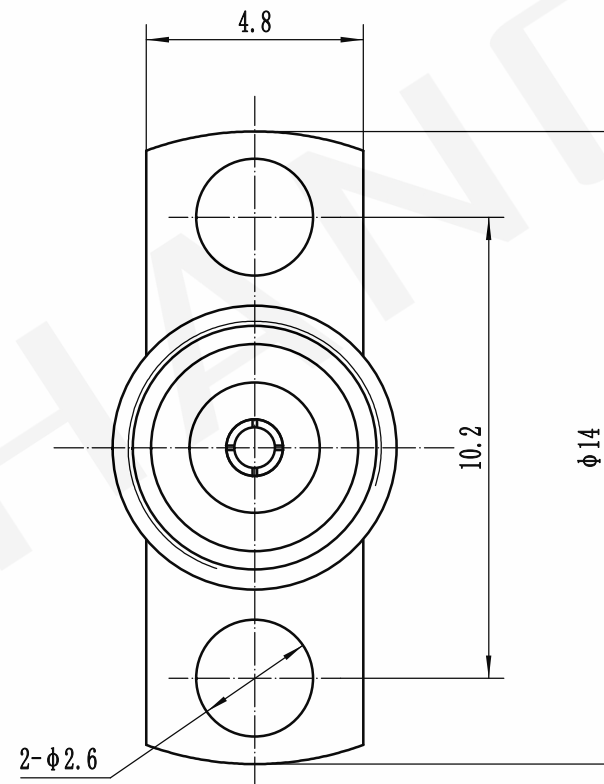
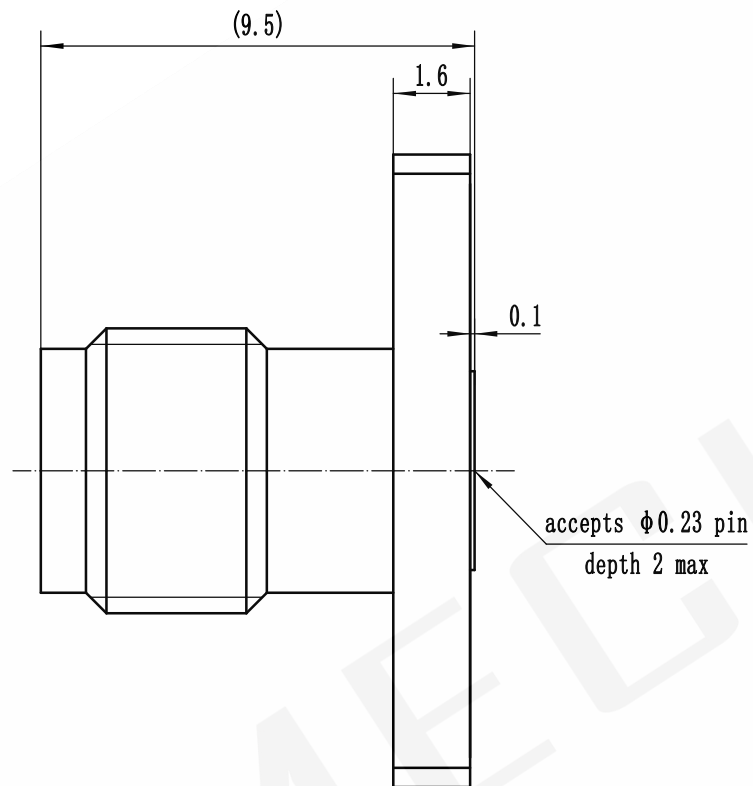




#### ELECTRICAL:

1. Impedance:  $50\ \Omega$ ;
2. Frequency: DC~18GHz;
3. VSWR/Return Loss:  $\leq 1.08$ ;
4. Insertion Loss:  $\leq 0.06\ \text{dB}$ ;
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: PTFE;
3. Outer Conductor: Stainless steel, Passivated.

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

| TITLE                                    |       |            | PART NO.                                                                                        | SMA-KFD25      |
|------------------------------------------|-------|------------|-------------------------------------------------------------------------------------------------|----------------|
| SMA Jack<br>Straight panel, flange mount |       |            | DWG. NO.                                                                                        | ---            |
|                                          |       |            | DATE                                                                                            | ---            |
| TOLERANCES UNLESS OTHERWISE SPECIFIED    |       |            | Mechanc (Shanghai) Information Technology Co., Ltd.<br><br>www.mechanc.com<br>sales@mechanc.com |                |
| X                                        | ±0.50 | XX ±0.10   |                                                                                                 |                |
| X                                        | ±0.20 | ANGLES ±1° |                                                                                                 |                |
| SHEET: 1/1                               |       | SCALE      | 6:1                                                                                             | VIEW DIRECTION |
|                                          |       | REV.       | V1.0                                                                                            |                |