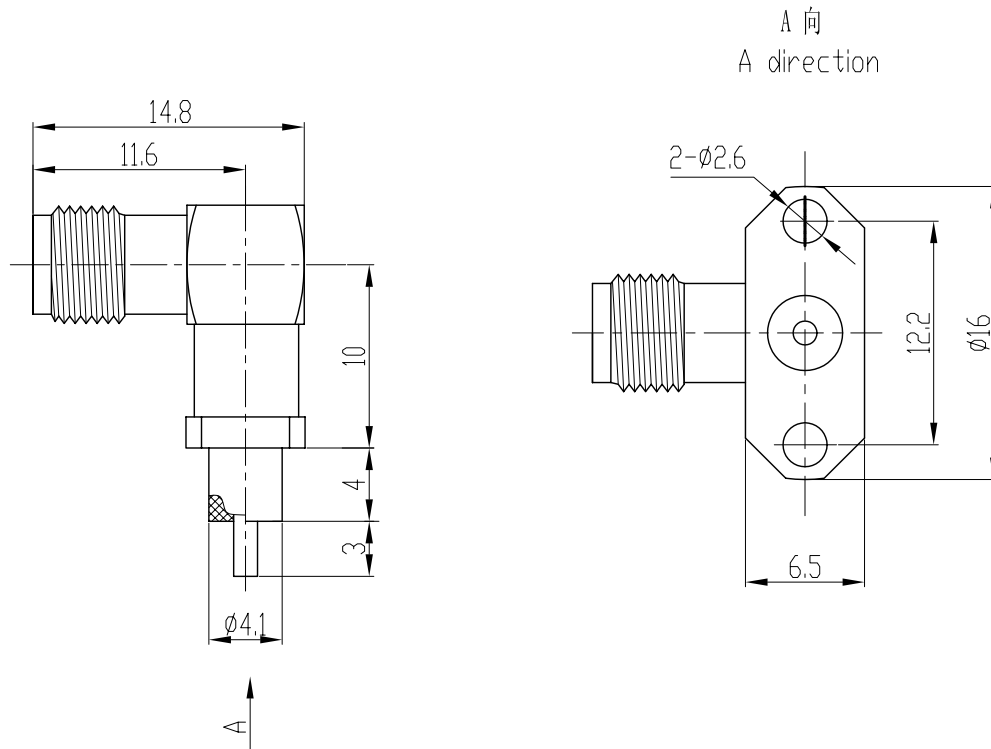




### Electrical Characteristics:

1. Characteristic Impedance:  $50 \Omega$
2. Frequency range: DC~18GHz
3. Contact resistance  
Center conductor:  $\leq 3.0 \text{ m}\Omega$   
Out conductor:  $\leq 2.0 \text{ m}\Omega$
4. Insulation resistance:  $\geq 5000 \text{ M}\Omega$
5. Insulator withstanding: 1000V
6. Durability: 500cycles

### Application: MIL-C-39012/55D

### Material&Finishing

1. Center contact :  
Female: beryllium, gold plated
2. Body: brass, gold plated
3. Insulators: PTFE

### 主要性能指标:

1. 特性阻抗:  $50 \Omega$
2. 频率范围: DC~18GHz
3. 接触电阻:  
中心导体:  $\leq 3.0 \text{ m}\Omega$   
外导体:  $\leq 2.0 \text{ m}\Omega$
4. 绝缘电阻:  $\geq 5000 \text{ M}\Omega$
5. 介质耐压: 1000V
6. 插拔次数: 500次

### 执行标准: MIL-C-39012/55D

### 材料和镀层

1. 中心接触件:  
插孔: 铍青铜, 镀金
2. 壳体: 黄铜, 镀金
3. 绝缘子: 聚四氟乙烯

|                                                                                     |                                                                                     |                |                                             |                                                                                                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  |  | SCALE<br>2.5:1 | SMA-KWFD11<br>RF COAXIAL CONNECTOR          | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE mm, TOLERANCES ARE<br>FRACTIONS DECIMALS ANGLES<br>.X± .15 ±1°<br>.XX± .05<br>.XXX± |
| DRAWN                                                                               | NAME                                                                                | DATE           |                                             |                                                                                                                                  |
| CHECKED                                                                             |                                                                                     |                | 西安富士达科技股份有限公司<br>XI'AN FORSTAR S&T CO.,LTD. |                                                                                                                                  |
| APPROVED                                                                            |                                                                                     |                |                                             |                                                                                                                                  |