



**ELECTRICAL:**

1. Impedance: 50  $\Omega$  ;
2. Frequency: DC~110GHz;
3. VSWR/Return Loss:  $\leq 1.25$ ;
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 $^{\circ}\text{C}$  ~ +155 $^{\circ}\text{C}$ ;
2. RoHS: Compliant.

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

|  |       |   |                                      |
|--|-------|---|--------------------------------------|
| TITLE  |       | PART NO.  | 1.0-KFD1                             |
| 1.0mm Female Field Replaceable<br>RF Connector - 4 Hole Flange Mount,<br>6.35mm Hole Spacing, 0.23mm Pin |       | DWG. NO.  | ---                                  |
|  |       | DATE  | ---                                  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED  |       | Mechanc (Shanghai) Information Technology Co., Ltd. |                                      |
| X $\pm 0.50$ XX $\pm 0.10$<br>X $\pm 0.20$ ANGLES $\pm 1^{\circ}$  | SCALE |   |                                      |
|  | 6:1   |   | www.mechanc.com<br>sales@mechanc.com |
| SHEET: 1/1   | REV.  | V1.0  |                                      |