



### ELECTRICAL:

1. Impedance:  $50 \Omega$ ;
2. Frequency: DC~67GHz;
3. VSWR/Return Loss:  $\leq 1.2$ ;
4. Insertion Loss:  $\leq 0.06 \sqrt{\text{fdB}}$ ;
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:  $-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$ ;
2. RoHS: Compliant.

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

TITLE		PART NO.	1.85-KFD800	
1.85mm Female 4-Hole Flange Mount RF Connector - Field Replaceable, 6.35mm Hole Spacing, 0.23mm Pin Diameter		DWG. NO.	---	
		DATE	---	
TOLERANCES UNLESS OTHERWISE SPECIFIED		Mechanc (Shanghai) Information Technology Co., Ltd.  www.mechanc.com sales@mechanc.com		
X $\pm 0.50$ .XX $\pm 0.10$ X $\pm 0.20$ ANGLES $\pm 1^{\circ}$	SCALE			VIEW DIRECTION
6:1				
SHEET: 1/1	REV.	V1.0		