



### ELECTRICAL:

1. Impedance: 50  $\Omega$  ;
2. Frequency: DC~18GHz;
3. VSWR/Return Loss:  $\leq 1.08$ ;
4. Insertion Loss:  $\leq 0.06$   $\sqrt{\text{dB}}$ ;
5. Insulation Resistance:  $\geq 5000M\Omega$  ;
6. Dielectric Withstanding Voltage(AC): 500 Vrms.

### ENVIRONMENTAL & MECHANICAL:

1. Temperature Range: -55 $^{\circ}\text{C}$  ~ +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-KFD33
SMA Female 2-Hole Flange Mount RF Connector - Field Replaceable, 12.7mm Hole Spacing, 0.38mm Pin Diameter		DWG. NO.	---
		DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED		Mechanc (Shanghai) Information Technology Co., Ltd.	
X $\pm 0.50$ XX $\pm 0.10$ X $\pm 0.20$ ANGLES $\pm 1^{\circ}$	SCALE		
	6:1		www.mechanc.com sales@mechanc.com
SHEET: 1/1	REV.	V1.0	