



### ELECTRICAL:

1. Impedance: 50  $\Omega$  ;
2. Frequency: DC~26.5GHz;
3. VSWR/Return Loss:  $\leq 1.1$ ;
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, PTFE;
3. Outer Conductor:  
Stainless steel, Passivated;  
Beryllium Copper, Gold.

### 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.	SMP/3.5-KJ1	
SMP Female to 3.5mm Male RF Adapter		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		