



#### ELECTRICAL:

1. Impedance:  $50 \Omega$ ;
2. Frequency: DC~50GHz;
3. VSWR/Return Loss:  $\leq 1.2$ ;
4. Insertion Loss:  $\leq 0.06 \sqrt{\text{dB}}$ ;
5. Insulation Resistance:  $\geq 5000M \Omega$ ;
6. Dielectric Withstanding Voltage(AC): 500 Vrms;
7. Cable Type: CRE047.

#### ENVIRONMENTAL & MECHANICAL:

1. Temperature Range:  $-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$ ;
2. RoHS: Compliant.

#### MATERIAL & PLATING:

1. Contact: Beryllium Copper, Gold;
2. Insulation: PEI;
3. Outer Conductor: Stainless steel, Passivated.

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

TITLE		PART NO.	2.4-J047-1
2.4mm Male Straight RF Connector - Fits CRE047 Coaxial Cable		DWG. NO.	---
		DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X $\pm 0.50$ XX $\pm 0.10$ X $\pm 0.20$ ANGLES $\pm 1^{\circ}$		Mechanc (Shanghai) Information Technology Co., Ltd.  www.mechanc.com sales@mechanc.com	
SCALE	VIEW DIRECTION		
SHEET: 1/1	6:1	REV.	V1.0