



### 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.

### MATERIAL & PLATING:

1. Contact: Beryllium Copper, Gold;
2. Insulation: PTFE;
3. Outer Conductor: Brass,Gold.

### 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.

<b>TITLE</b> <b>SMA Female Solder Attachment</b> <b>Bulkhead RF Connector - Solder Cup,</b> <b>1.27mm Pin Diameter</b>		PART NO.	SMA-KFD100-A
		DWG. NO.	---
		DATE	---
<small>TOLERANCES UNLESS OTHERWISE SPECIFIED</small> X $\pm 0.50$ XX $\pm 0.10$ X $\pm 0.20$ ANGLES $\pm 1^{\circ}$		SCALE	VIEW DIRECTION
SHEET: 1/1		6:1	
		REV.	V1.0
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