



### ELECTRICAL:

1. Impedance: 50  $\Omega$  ;
2. Frequency: DC~18GHz;
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: PTFE;
3. Outer Conductor: Brass, 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.

<b>TITLE</b> <b>SMP Female Solder Attachment</b> <b>RF Connector - Through-Hole, 50 Ohm</b> <b>Coaxial, Gold Plated</b>		<b>PART NO.</b>	<b>SMP-KHD1</b>
		<b>DWG. NO.</b>	---
		<b>DATE</b>	---
<b>TOLERANCES UNLESS OTHERWISE SPECIFIED</b> X $\pm 0.50$ XX $\pm 0.10$ X $\pm 0.20$ ANGLES $\pm 1^{\circ}$		<b>SCALE</b>	<b>VIEW DIRECTION</b>
<b>SHEET: 1/1</b>		6:1	
		<b>REV.</b>	<b>V1.0</b>
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