



#### ELECTRICAL:

1. Impedance:  $50 \Omega$  ;
2. Frequency: DC~40GHz;
3. VSWR/Return Loss:  $\leq 1.2$ ;
4. Insertion Loss:  $\leq 0.06 \sqrt{\text{fdB}}$ ;
5. Insulation Resistance:  $\geq 5000M \Omega$  ;
6. Dielectric Withstanding Voltage(AC): 500 Vrms;
7. Seal:  $\leq 1.013 \times 10^{-3} \text{Pa} \cdot \text{cm}^3/\text{s}(\text{He})$ .

#### ENVIRONMENTAL & MECHANICAL:

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

#### MATERIAL & PLATING:

1. Contact: Kovar alloy, Gold;
2. Insulation: Glass;
3. Outer Conductor: Kovar alloy, Gold.

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

<b>TITLE</b> <b>SMPM Male Full Detent Hermetically Sealed Coaxial Connector - Solder Pin Terminal</b>		<b>PART NO.</b>	SMP(M)-JHD1-F
		<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>	12:1
		<b>VIEW DIRECTION</b>	
<b>SHEET:</b>	1/1	<b>REV.</b>	V1.0
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