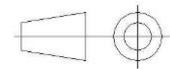
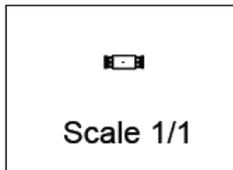
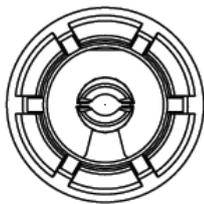
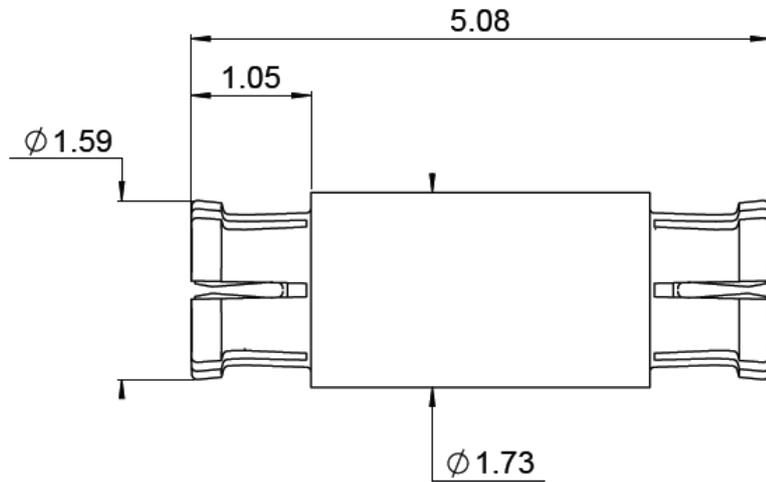


PAGE 1/2	ISSUE 19-11-19A	SERIES SMPW	PART NUMBER R218705020
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All dimensions are in mm. Tolerances according ISO 2768 m-H

COMPONENTS	MATERIALS	PLATING (µm)
Body	<b>BERYLLIUM COPPER</b>	<b>GOLD OVER NICKEL</b>
Center contact	<b>BERYLLIUM COPPER</b>	<b>GOLD OVER NICKEL</b>
Outer contact		
Insulator	<b>PEEK</b>	
Gasket		
Others parts		
-	-	-
-	-	-

PAGE 2/2	ISSUE 19-11-19A	SERIES SMPW	PART NUMBER R218705020
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**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b>	Ω
Frequency		<b>0-100</b>	GHz
VSWR	<b>1.1 *</b>	<b>+</b>	<b>0,0000</b> x F(GHz) Typical
Insertion loss		<b>0.12</b>	√F(GHz) dB Maxi
RF leakage (typical pair)	- (	<b>80</b>	- F(GHz)) dB
Voltage rating		<b>125</b>	Vrms Maxi
Dielectric withstanding voltage		<b>250</b>	Vrms mini
Insulation resistance		<b>3500</b>	MΩ mini
Center contact resistance		<b>6</b>	mΩ max
Outer contact resistance		<b>2</b>	mΩ max

**MECHANICAL CHARACTERISTICS**

**Mating Force (Typical)**

	Full Detent	-	Smooth Bore
Force to Engagement:	5 N		3.5 N
Force to Disengagement:	11 N		2.5 N

Mating life with smooth bore	<b>500</b>	Cycles mini
Mating life with full detent	<b>100</b>	Cycles mini

Nominal Weight **0,0900** g  
(Add +15% for max weight)

**ENVIRONMENTAL**

Operating temperature **-55/+165** °C

**SPECIFICATION**

-

**PACKAGING**

Standard packaging: **100**  
For other types: contact us

**OTHER CHARACTERISTICS**

- \*Coaxial transmission line only
- \*1.1 (DC to 26.5Ghz)
- \*1.25 (26.5 to 65Ghz)
- 

**CATCHER MITT SIZE FOR FREE BLIND MATE CONNECTION**

Contact us for specific catcher mitt development

