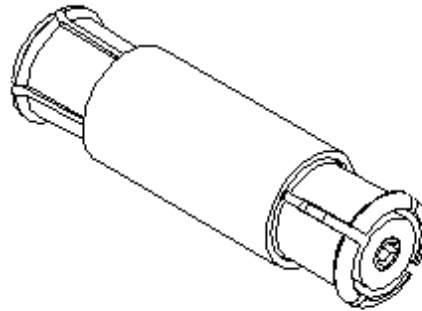
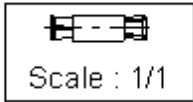
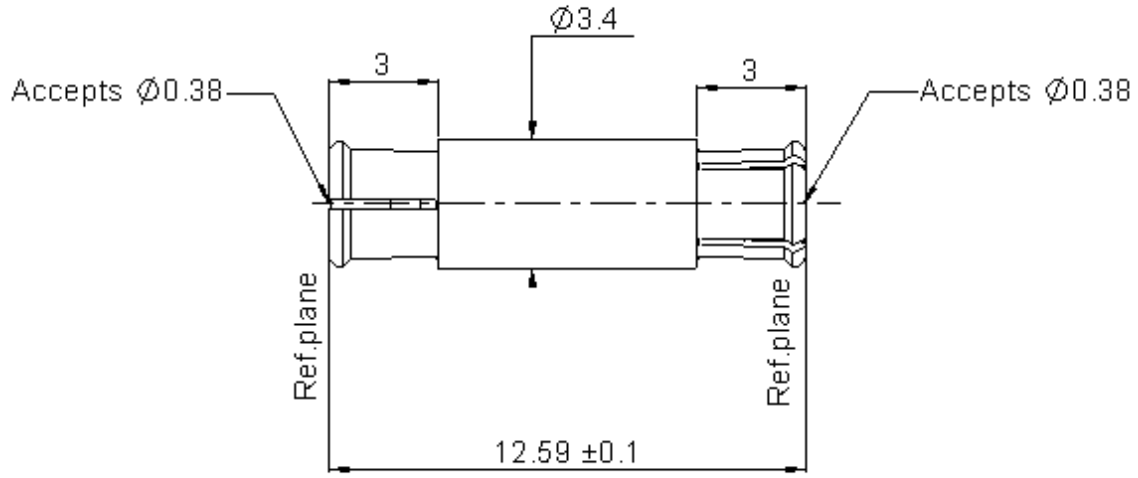


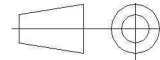
**FEMALE-FEMALE ADAPTER**

**R222.705.250**

Series : SMP



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING ( $\mu\text{m}$ )
BODY	BERYLLIUM COPPER	NPGR
CENTER CONTACT	BERYLLIUM COPPER	NPGR
OUTER CONTACT		
INSULATOR	PTFE	
GASKET		
OTHERS PARTS		
-	-	-
-	-	-

Issue : 0735 A

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



**FEMALE-FEMALE ADAPTER**

**R222.705.250**

Series : SMP

**PACKAGING**

**SPECIFICATION**

Standard	Unit	Other
<b>500</b>	<b>'W' option</b>	<b>Contact us</b>

**ELECTRICAL CHARACTERISTICS**

**ENVIRONMENTAL**

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-40</b>	GHz
VSWR	<b>1.2 + 0,0000</b>	x F(GHz) Maxi
Insertion loss	<b>0.12</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- ( <b>NA</b> )	- F(GHz)) dB Maxi
Voltage rating	<b>335</b>	Veff Maxi
Dielectric withstanding voltage	<b>500</b>	Veff mini
Insulation resistance	<b>5000</b>	M $\Omega$ mini
Contact Current	<b>1.2</b>	A

Operating temperature	<b>-65/+165</b>	$^{\circ}$ C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

**OTHER CHARACTERISTICS**

Assembly instruction **NA**

Others :

VSWR (0 to 12GHz)  
 VSWR 1.3 (12 to 26.5 GHz)  
 VSWR 1.5 (26.5 to 40 GHz)

\*\*Mating cycles  
 - smooth bore **1000** cycles mini  
 - limited detent **500** cycles mini  
 - full detent **100** cycles mini

Compliant with MIL-STD-348

Compliant with RoHS

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>6.8</b>	N mini
Axial force – Opposite end	<b>6.8</b>	N mini
Torque	<b>NA</b>	N.cm mini
Recommended torque		
Mating	<b>NA</b>	N.cm
Panel nut	<b>NA</b>	N.cm
Mating life	<b>100**</b>	Cycles mini
Weight	<b>0,5200</b>	g
Engagement force		
- smooth bore	<b>9</b>	N max
- limited detent	<b>45</b>	N max
- full detent	<b>68</b>	N max
Disengagement force		
- smooth bore	<b>2.2</b>	N min
- limited detent	<b>9</b>	N min
- full detent	<b>22</b>	N min

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