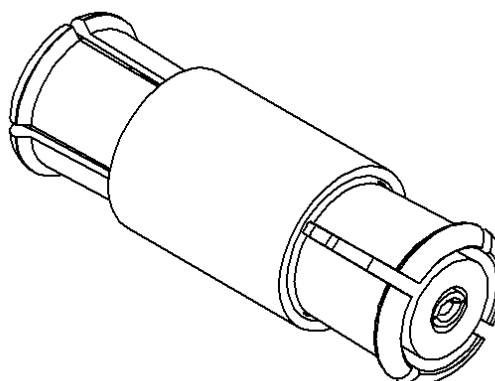
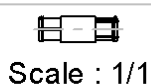
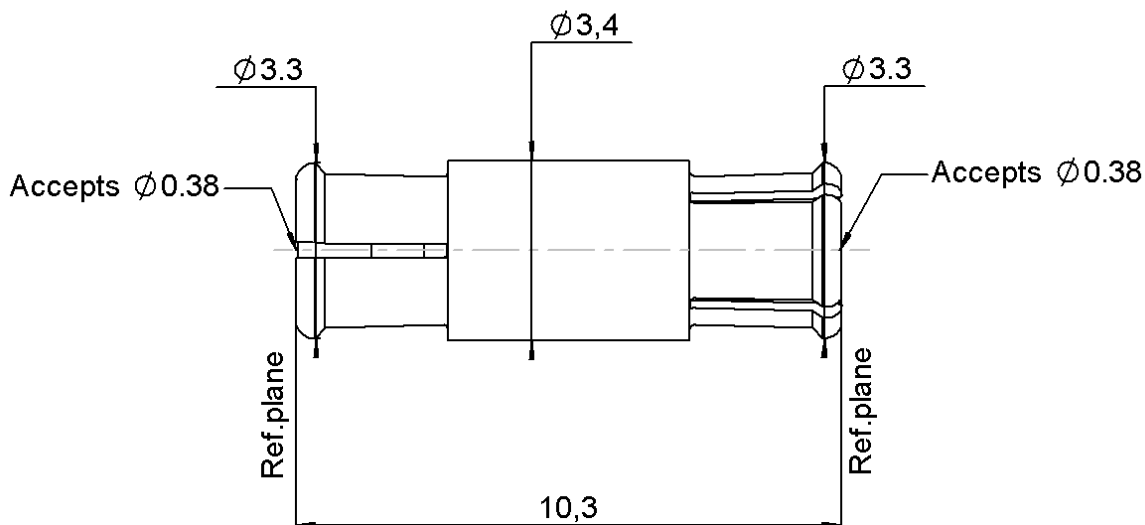


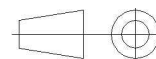
**FEMALE - FEMALE ADAPTATOR**

**R222.705.220**

Series : **SMP**



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS ( $\mu\text{m}$ )
BODY	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT		
INSULATOR	PTFE	
GASKET		
OTHERS PARTS		
-	-	-
-	-	-

Issue : 1126 C

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



**FEMALE - FEMALE ADAPTATOR****R222.705.220**Series : **SMP****PACKAGING**

Standard	Unit	Other
<b>100</b>	<b>'W' option</b>	<b>Contact us</b>

**SPECIFICATION****ELECTRICAL CHARACTERISTICS**

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-40</b>	GHz
VSWR	<b>1.5 + 0,0000</b>	x F(GHz) Maxi
Insertion loss	<b>0.12</b>	$\sqrt{F}(\text{GHz})$ 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

**ENVIRONMENTAL**

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

**OTHERS CHARACTERISTICS**Assembly instruction **NA**Others :  
Compliant with MIL-STD-348**MECHANICAL CHARACTERISTICS**

Center contact retention	
Axial force – Mating end	<b>6.7</b> N mini
Axial force – Opposite end	<b>6.7</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>0,3700</b> g

Issue : 1126 C

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**R222.705.220**

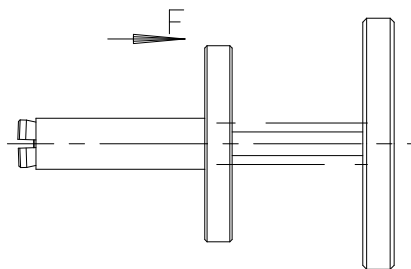
Series : **SMP**

## 1 - INFORMATIONS

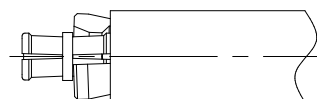
Force to:	engage	-	disengage	-	connector
Full det:	66.75 N maxi	-	22.25 N mini	-	FULL DETENT
Limited:	44.5 N maxi	-	8.9 N mini	-	LIMITED DET.
Smooth b:	8.9 N maxi	-	2.225 N mini	-	SMOOTH BORE

## 2 - MOUNTING AND REPLACEMENT

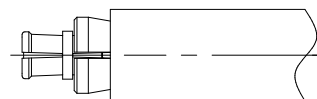
2-1 - Push in F direction to open the tool .



2-2 - Place the adaptor into the tool ,  
until it bottoms against .



2-3 - Push on the adaptor , and release the smallest tool diameter.  
(the force to fixe the adaptor is applied by a spring) .



- 2-4 - Push on the biggest tool diameter to place the adaptor .
- To remove the adaptor , pull off on the biggest tool diameter .