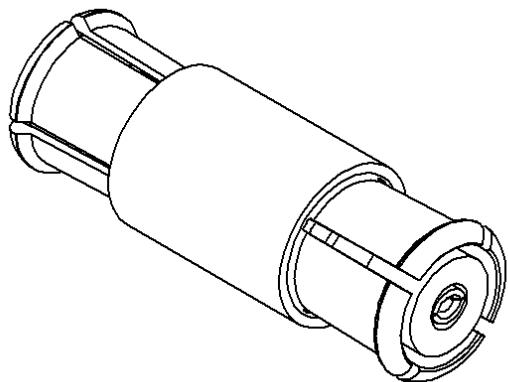
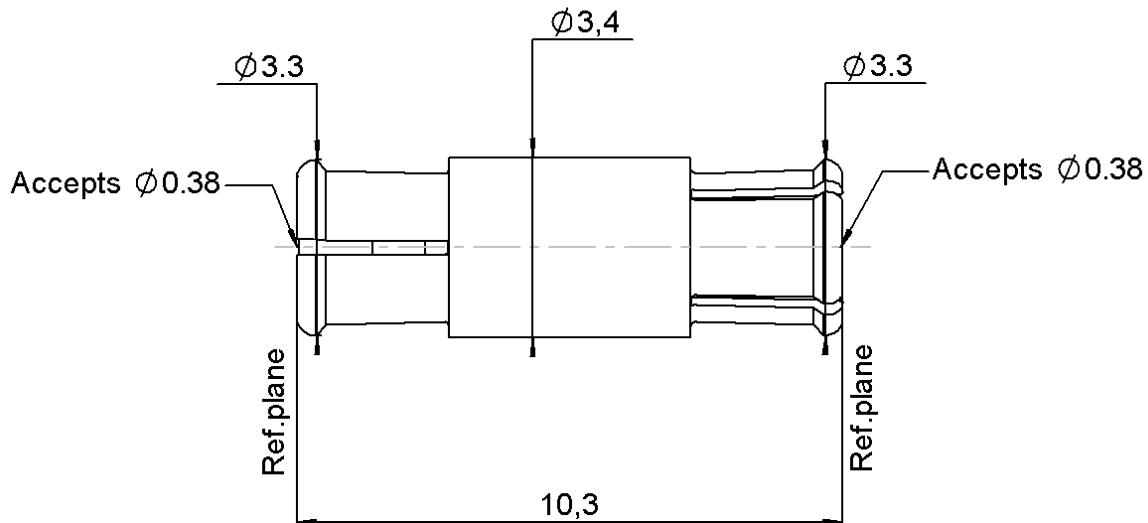


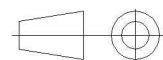
FEMALE - FEMALE ADAPTER

R222.705.220

Series : SMP



All dimensions are in mm.

PLATINGS (μm)

COMPONENTS	MATERIALS	PLATINGS (μm)
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
100	'W' option	Contact us

SPECIFICATIONELECTRICAL CHARACTERISTICS

Impedance	50 Ω
Frequency	0-40 GHz
VSWR	1.5 + 0,0000 x F(GHz) Maxi
Insertion loss	0.12 $\sqrt{F(GHz)}$ dB Maxi
RF leakage	- (NA - F(GHz)) dB Maxi
Voltage rating	335 Veff Maxi
Dielectric withstanding voltage	500 Veff mini
Insulation resistance	5000 M Ω mini

ENVIRONMENTAL

Operating temperature	-65/+165 °C
Hermetic seal	NA Atm.cm ³ /s
Panel leakage	NA

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

Center contact retention	
Axial force – Mating end	6.7 N mini
Axial force – Opposite end	6.7 N mini
Torque	NA N.cm mini

Recommended torque	
Mating	NA N.cm
Panel nut	NA N.cm

Mating life	100 Cycles mini
Weight	0,3700 g

Issue : 1126 C

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



FEMALE - FEMALE ADAPTER

R222.705.220

Series : SMP

ADDITIONAL INFORMATION MOUNTING AND REPLACEMENT INSTRUCTIONS

1 - INFORMATIONS

Mechanical durability: 100 cycles -> full detent connector .
: 500 cycles -> limited detent connector .
: 1000 cycles-> smooth bore connector .

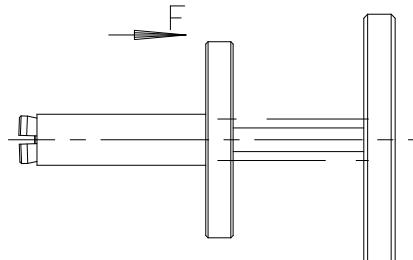
Axial misalignement = 0/+0.25 mm.

Radial misalignment = $\pm 0.25\text{mm}$.

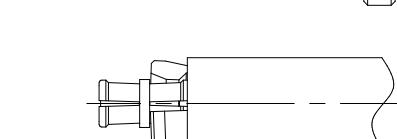
Force to:	engage	-	disengage	-	connector
Full det:	66.75 N maxi	-	22.25 N mini	-	FULL DETENT
Limited:	44.5 N maxi	-	8.9 N mini	-	LIMITED DET.
Smooth b:	8.9 N maxi	-	2.225 N mini	-	SMOOTH BORE

2 - MOUNTING AND REPLACEMENT

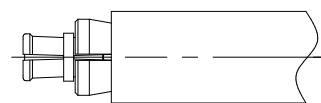
Adaptor must be mounted or removed with tooling R282.918.100.



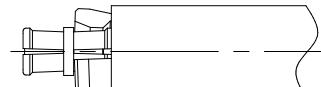
2-1 - Push in F direction to open the tool .



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) .



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