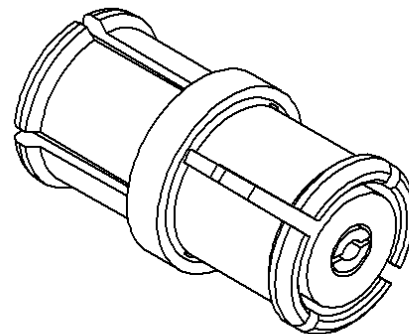
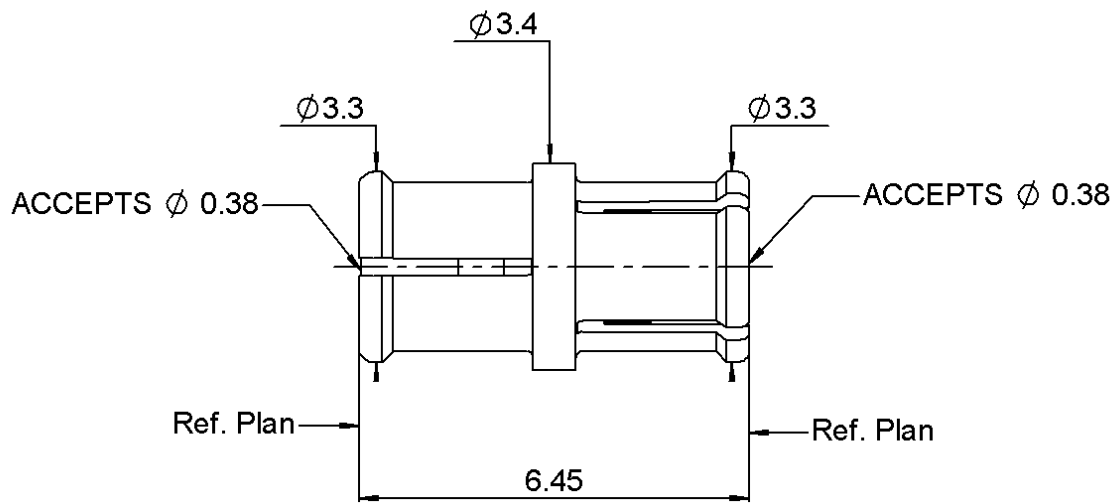


FEMALE-FEMALE ADAPTER

R222.705.000

Series : SMP



SCALE 1/1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.27 OVER NICKEL 1.27
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0529 B

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



FEMALE-FEMALE ADAPTER**R222.705.000**

Series : SMP

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-40	GHz
VSWR	1.5 + 0,0000	x F(GHz) Maxi
Insertion loss	0.12	$\sqrt{F}(\text{GHz})$ 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	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHERS CHARACTERISTICS

Assembly instruction

Others :
Compliant with MIL-STD-348

MECHANICAL 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	0,1690 g

Issue : 0529 B

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



FEMALE-FEMALE ADAPTER

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R222.705.000

Series : **SMP**

ADDITIONAL INFORMATION

MOUNTING AND REPLACEMENT INSTRUCTIONS

1 - INFORMATIONS

[illegible]

Axial misalignment = 0/+0.25 mm.

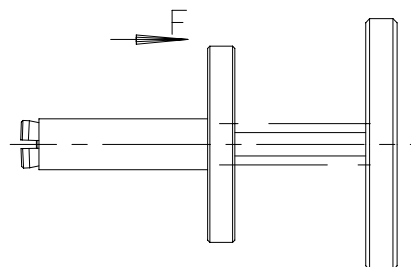
Radial misalignment = $\pm 0.25\text{mm}$.

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

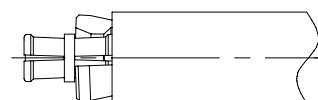
2 - MOUNTING AND REPLACEMENT

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

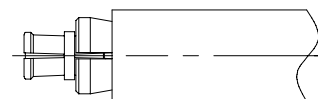
2-1 - Push in F direction to open the tool .



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 .

Mouser Electronics

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Radial:

[R222705000W](#) [R222705000](#)