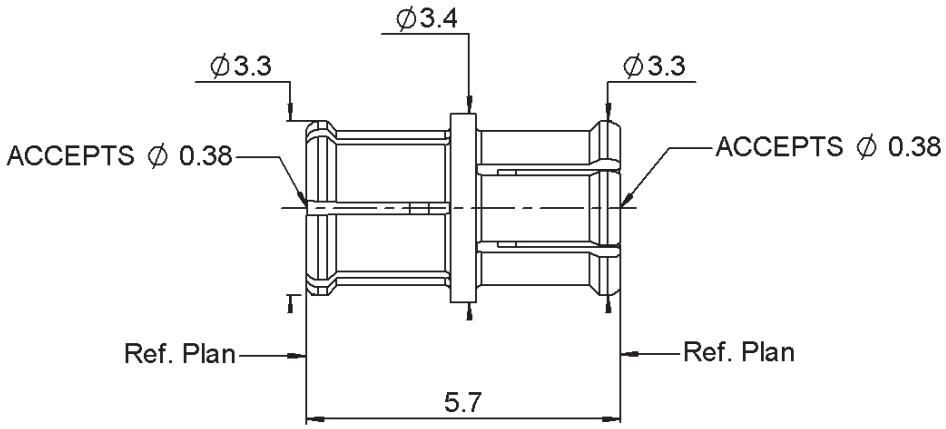
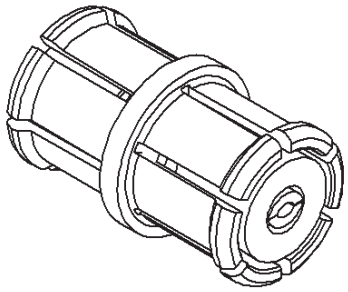
Radiall

Technical Data Sheet

FEMALE FEMALE ADAPTOR -

PAGE 1/3	ISSUE **1334B**	SERIES **SMP**	PART NUMBER **R222705200**





SCALE 1/1

All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
Body	**BERYLLIUM COPPER**	**GOLD OVER NICKEL**
Center contact	**BERYLLIUM COPPER**	**GOLD OVER NICKEL**
Outer contact		
Insulator	**PTFE**	
Gasket		
Others parts		
-	-	-
-	-	-

PACKAGING

Standard	Unit	Other
100	**Contact us**	**Contact us**

ELECTRICAL CHARACTERISTICS

Impedance			**50**	Ω
Frequency			**0-40**	GHz
VSWR	**1.5**	**+**	**0.0000**	x F(GHz) Maxi
Insertion loss			**0.12**	√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**	MΩ mini

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	**0.1550**	g

ENVIRONMENTAL

Operating temperature	**-65/+165**	°C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**NA**	

SPECIFICATION

OTHER CHARACTERISTICS

Assembly instruction:

Others:
Compliant with MIL-STD-348

ADDITIONAL INFORMATIONS
MOUNTING AND REPLACEMENT INSTRUCTIONS

1 - INFORMATIONS

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

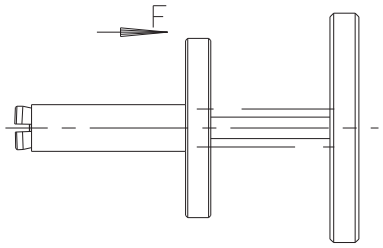
Axial misalignement = 0/+0.25 mm.
Radial misalignement = ±0.25mm.

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

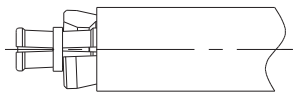
2 - MOUNTING AND REPLACEMENT

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 .