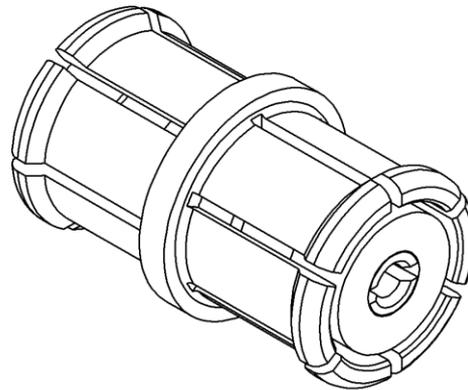
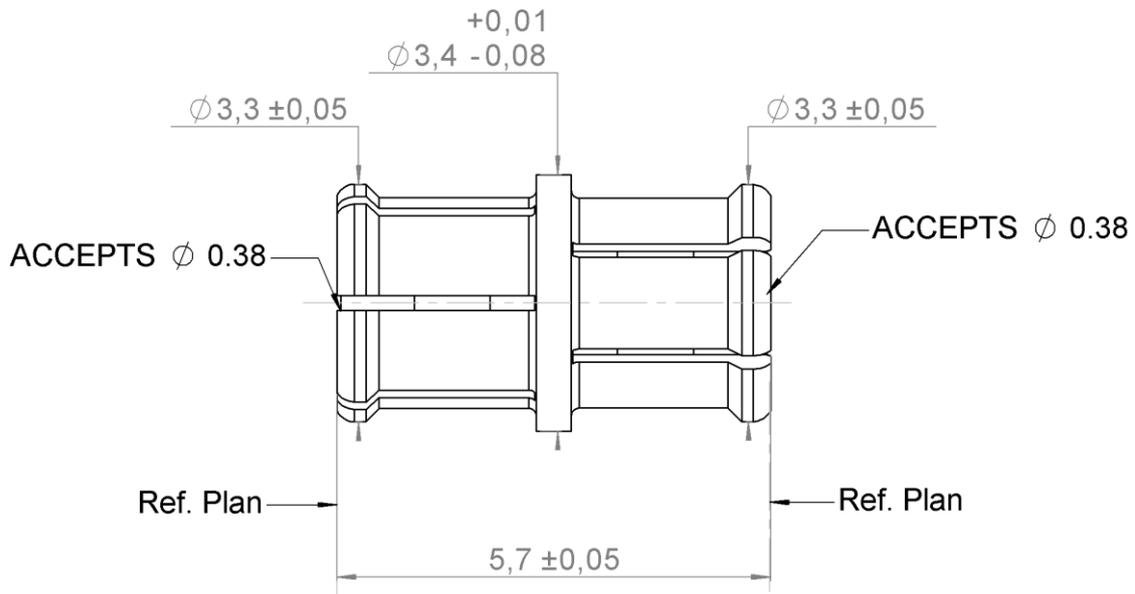
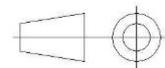


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SCALE 1/1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
Center contact	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL2
Outer contact		
Insulator	PTFE	
Gasket		
Others parts		
-	-	-
-	-	-

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PACKAGING

Standard	Unit	Other
1	-	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-40	GHz
VSWR	See* +	0,0000	x F(GHz) Maxi
Insertion loss		0.02+0.12	√F(GHz) dB Maxi
RF leakage	- (- F(GHz)) dB Maxi
Voltage rating		335	Vrms Maxi
Dielectric withstanding voltage		500	Vrms mini
Insulation resistance		5000	MΩ mini

ENVIRONMENTAL

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

MECHANICAL CHARACTERISTICS

Center contact retention			
Axial force – Mating End		7	N mini
Axial force – Opposite end		NA	N mini
Torque		NA	N.cm mini
Recommended torque			
Mating		NA	N.cm
Panel nut		NA	N.cm
Mating life		100	Cycles Maxi
Weight		0,1500	g Maxi

SPECIFICATION

RAD-GEN-CONN 001
RAD-DET-CONN 019

OTHER CHARACTERISTICS

Assembly instruction:

Others:

VSWR:

DC to 3 GHz: 1.15 max

3 to 26.5 GHz: 1.25 max

26.5 to 40 GHz: 1.5 max

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**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 .

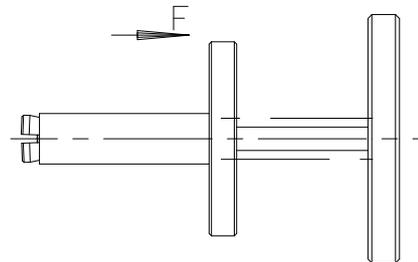
Axial misalignement = 0/+0.25 mm.
 Radial misalignement = ±0.25mm.

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

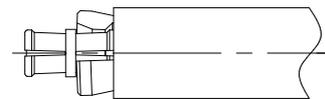
2 - MOUNTING AND REPLACEMENT

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

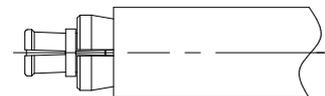
2-1 - Push in F direction to open the tool .



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 .