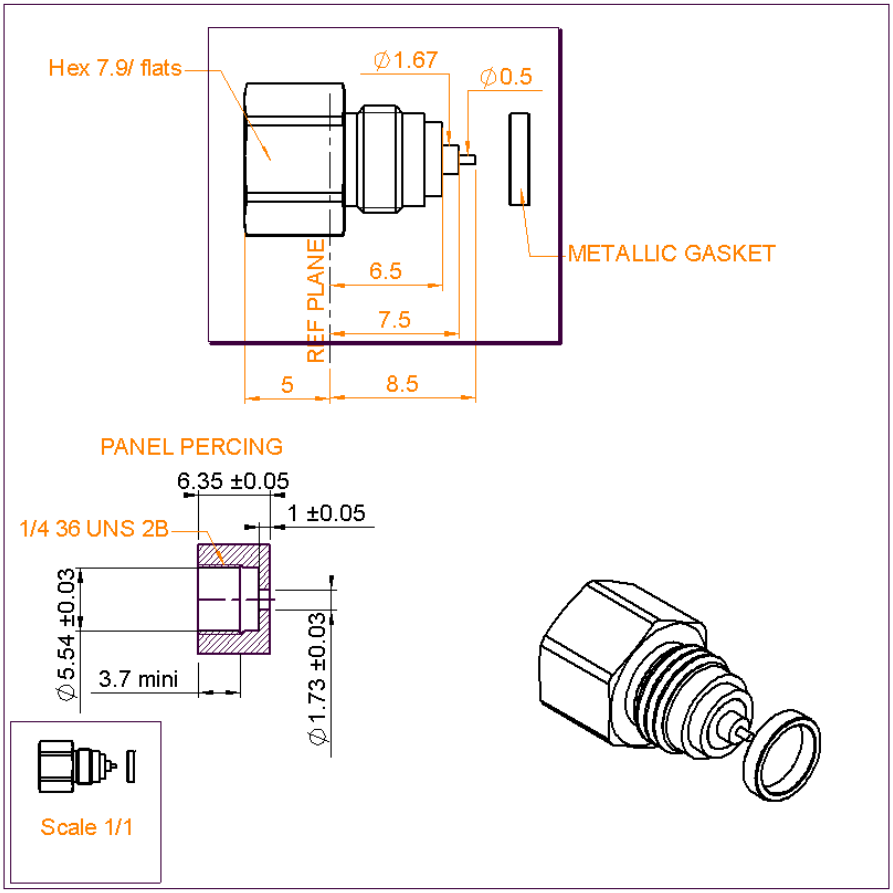
SCREW ON FEMALE RECEPTACLE

HERMETIC

R128.609.001

Series : **BMA**



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	**STAINLESS STEEL**	**GOLD 0.5 OVER NICKEL 2**
CENTER CONTACT	**BERYLLIUM COPPER**	**GOLD 1.3 OVER NICKEL 2**
OUTER CONTACT	**BERYLLIUM COPPER**	**GOLD 1.3 OVER NICKEL 2**
INSULATOR	**PTFE**	
GASKET	**ALUMINIUM ALLOY**	
OTHERS PARTS	**STAINLESS STEEL**	-
-	-	-
-	-	-

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

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PACKAGING

Standard	Unit	Other
1	-	**Contact us**

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance			**50**	Ω
Frequency			**0-22**	GHz
VSWR	**1.25***	+	**0.000**	x F(GHz) Maxi
Insertion loss			**0.07**	√F(GHz) dB Maxi
RF leakage		- (	**NA**	- F(GHz)) dB Maxi
Voltage rating			**500**	Veff Maxi
Dielectric withstanding voltage			**1500**	Veff mini
Insulation resistance			**5000**	MΩ mini

ENVIRONMENTAL

Operating temperature	**-65/+125**	° C
Hermetic seal	**10-5**	Atm.cm3/s
Panel leakage	**NA**	

OTHERS CHARACTERISTICS

Assembly instruction **NA**

Others :
* de 0 -10 Ghz

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	**27**	N mini
Axial force – Opposite end	**27**	N mini
Torque	**NA**	N.cm mini
Recommended torque		
Mating	**NA**	N.cm
Panel nut	**280**	N.cm
Mating life	**1000**	Cycles mini
Weight	**2.234**	g

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RADIALL®

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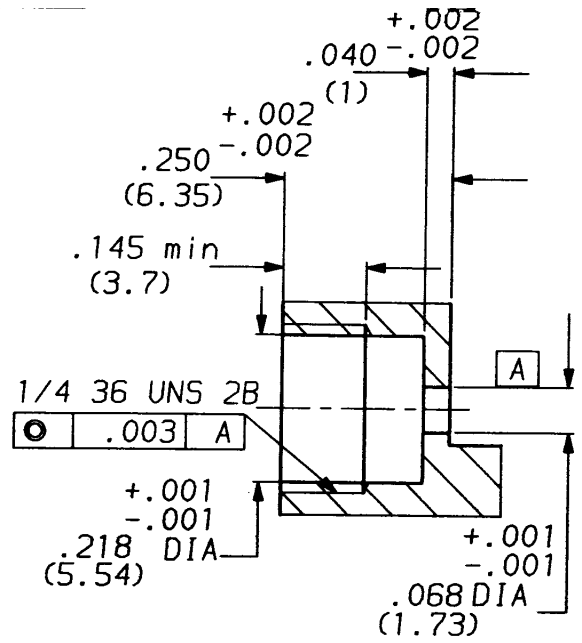
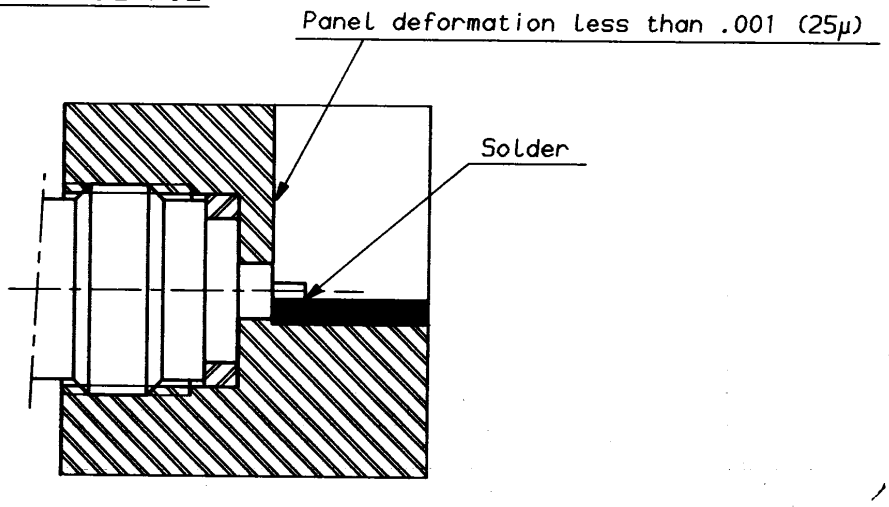


RECOMMENDED MOUNTING HOLE DETAIL



Assemble metal gasket onto connector. Screw both parts into the housing.
Tighten the connector up to 280 N.cm + or – 10 N.cm torque (use special tooling set RADIALL R282 322 000).
Thus the connection hermeticity is guaranteed at 1 . 10-5cc/sec.
Then solder the pin on the track.
Be careful not to put too much solder.

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