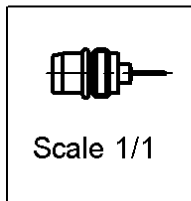
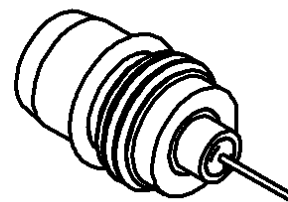
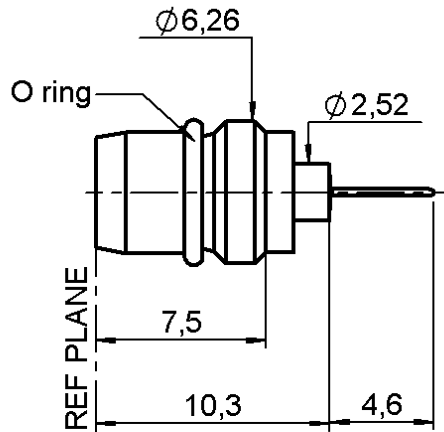


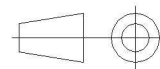
**SCREW ON MALE RECEPTACLE FOR 0.011DIA
WITH EMI GASKET + GLASS BEAD**

R128.638.001

Series : BMA



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	STAINLESS STEEL	PASSIVATED .
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	SILICONE RUBBER	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0449 E

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



**SCREW ON MALE RECEPTACLE FOR 0.011DIA
WITH EMI GASKET + GLASS BEAD**

R128.638.001

Series : BMA

PACKAGING

SPECIFICATION

Standard	Unit	Other
1	-	Contact us

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 mini
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	60	N.cm
Mating life	1000	Cycles mini
Weight	0.000	g

Issue : 0449 E

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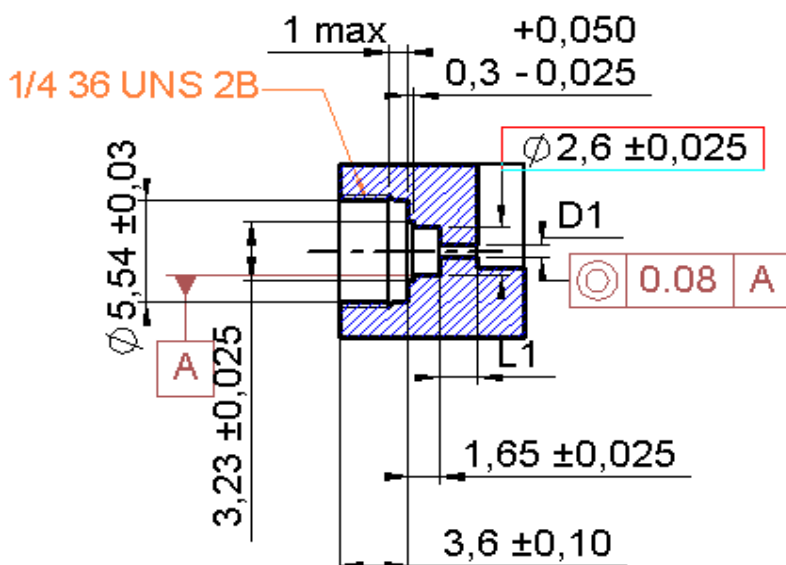
RADIALL®

**SCREW ON MALE RECEPTACLE FOR 0.011DIA
WITH EMI GASKET + GLASS BEAD**

R128.638.001

Series : BMA

RECOMMENDED MOUNTING HOLE DETAIL



D1 and L1 dimensions have to be determined according to each application.

We advise of two following case : (see page 3)

-using of the R280 469 000 removable socket :

$$D1 = 2 + or - 0.02 \qquad L1 = 2.5 + ou - 0.1$$

-the bead pin is directly welded on the track :

$$D1 = 0.70 + or - 0.02$$

L1 = 1 to 4 according to customer's design criteria.

Issue : 0449 E

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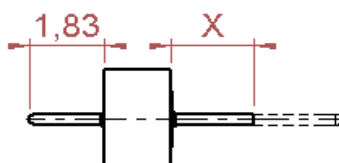


**SCREW ON MALE RECEPTACLE FOR 0.011DIA
WITH EMI GASKET + GLASS BEAD**

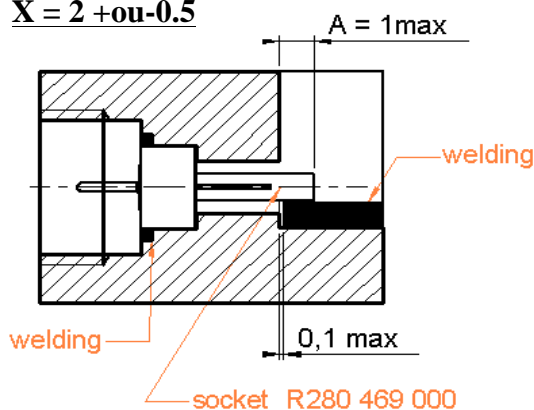
R128.638.001

Series : BMA

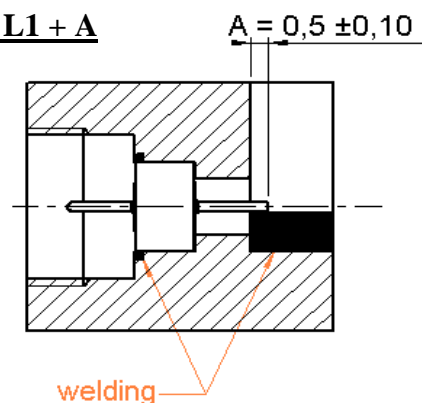
ASSEMBLY INSTRUCTIONS



$\underline{X} = 2 + ou - 0.5$



$\underline{X} = L1 + A$



GLASS BEAD

- 1- Adjust X by cutting the pin if necessary.
- 2- Introduce the glass bead into its housing as here above (with the mounted socket)
- 3- Weld the ring by putting a welding wire in the groove.
- 4- Weld the pin (or socket) on the track. Beware of putting too much welding

IMPORTANT : for maximum RF characteristics the link track/pin must be as thin as possible.

We advise you to respect rigorously the A dimension, by welding accurately the bead pin directly on the track (right drawing).

CONNECTOR

-Screw the connector into the housing. Thigten it up to 60 cmN + ou -10 cmN

(use special tooling set RADIALL R282 340 010).

Issue : 0449 E

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

