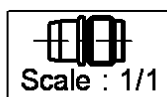
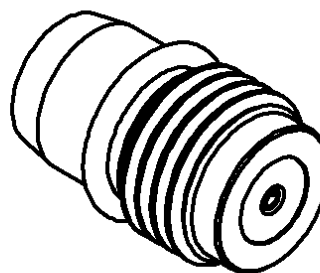
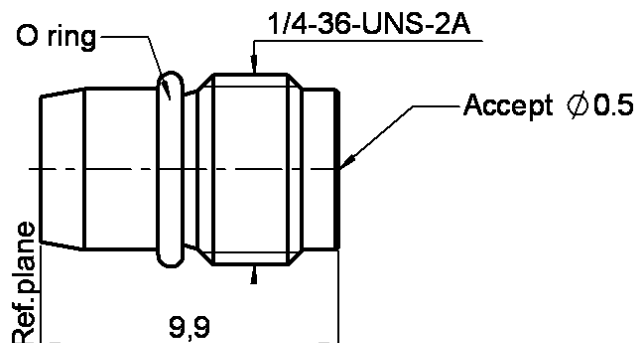


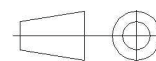
MALE THREAD-IN RECEPTACLE
FOR 0.5MM PIN

R128.556.011

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 : 0448 C

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



MALE THREAD-IN RECEPTACLE
FOR 0.5MM PIN

R128.556.011Series : **BMA****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	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (NA	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-65/+105	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHERS CHARACTERISTICS

Assembly instruction

Others :
*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	1.060 g

Issue : 0448 C

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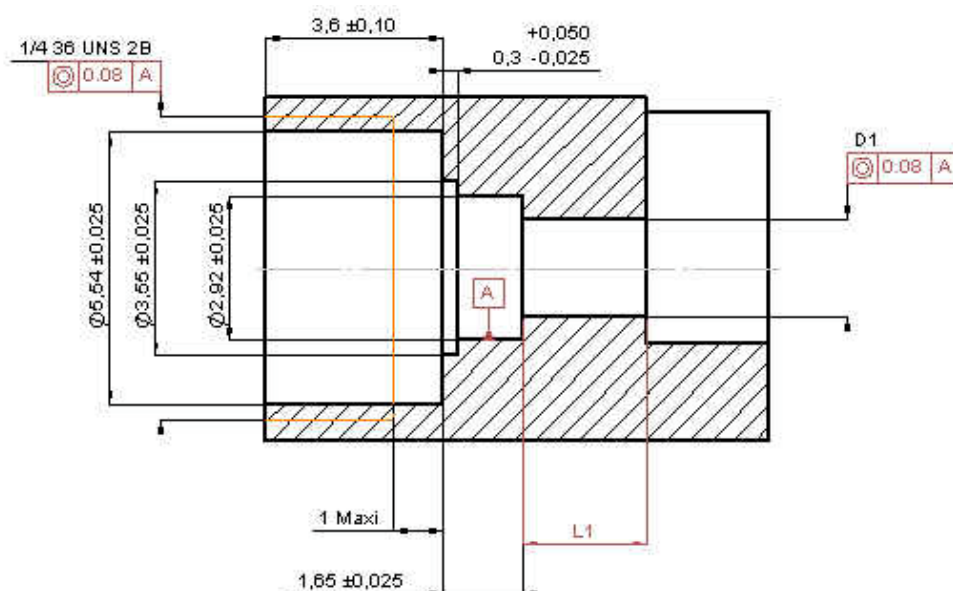


MALE THREAD-IN RECEPTACLE
FOR 0.5MM PIN

R128.556.011

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 4)

-using of the R280 469 010 removable socket :

$$D1 = 2 + \text{or} - 0.02$$

$$L1 = 2.5 + \text{or} - 0.1$$

-the bead pin is directly welded on the track :

$$D1 = 1.08 + \text{or} - 0.02$$

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

Issue : 0448 C

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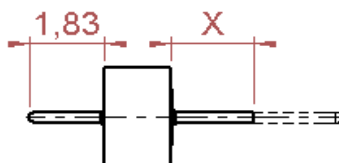


**MALE THREAD-IN RECEPTACLE
FOR 0.5MM PIN**

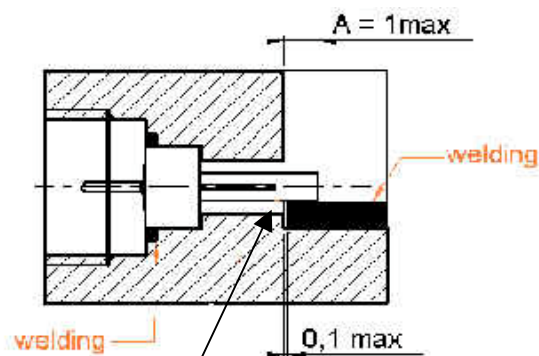
R128.556.011

Series : BMA

ASSEMBLY INSTRUCTIONS

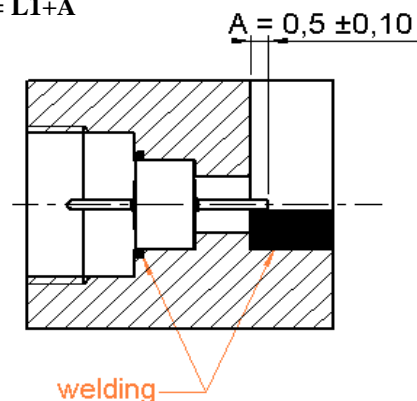


$$X = 2 \pm 0.5$$



R280.469.010

$$X = L1 + A$$



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 + or -10 cmN

(use special tooling set RADIAL R282 340 010).

Issue : 0448 C

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