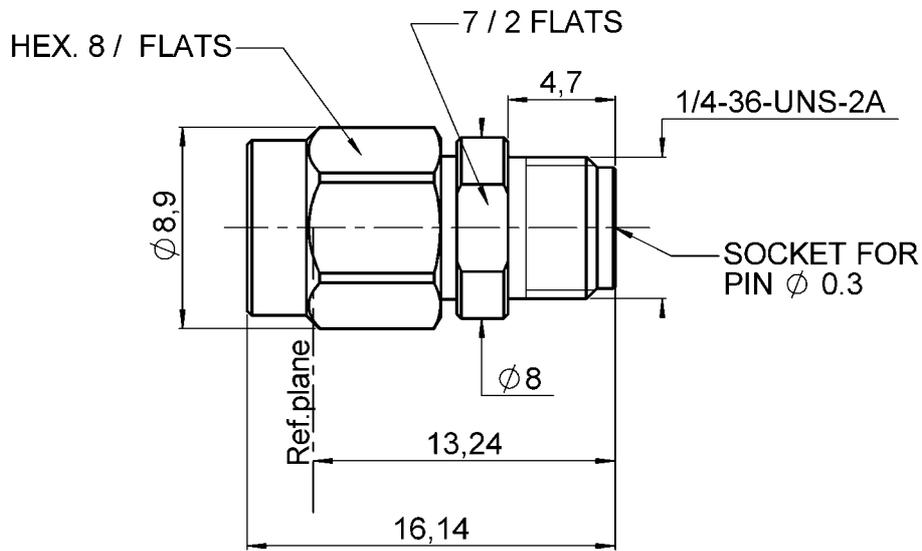


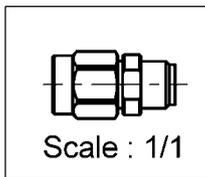
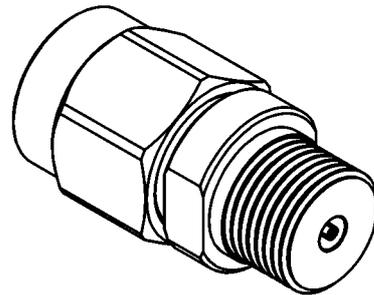
**MALE THREAD-IN RECEPTACLE
FOR 0.3 MM DIA**

R127.844.001

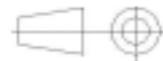
Series : SMA2.9



Use R280.760.000 glass bead for hermetic application



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	BRASS	GOLD 1.3 OVER NICKEL 2
INSULATOR	ULTEM1000	
GASKET	SILICONE RUBBER	
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0538 A

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



**MALE THREAD-IN RECEPTACLE
FOR 0.3 MM DIA**

R127.844.001

Series : SMA2.9

PACKAGING

SPECIFICATION

Standard	Unit	Other
1	-	Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

Impedance		50 Ω
Frequency		0-40 GHz
VSWR	1.05 +	0.005 x F(GHz) Maxi
Insertion loss		0.03 √F(GHz) dB Maxi
RF leakage	- (90 - F(GHz)) dB Maxi
Voltage rating		335 Veff Maxi
Dielectric withstanding voltage		750 Veff mini
Insulation resistance		5000 MΩ mini

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

OTHERS CHARACTERISTICS

Assembly instruction -

Others :

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		100 N.cm
Panel nut		NA N.cm
Mating life		500 Cycles mini
Weight		4.032 g

Issue : 0538 A

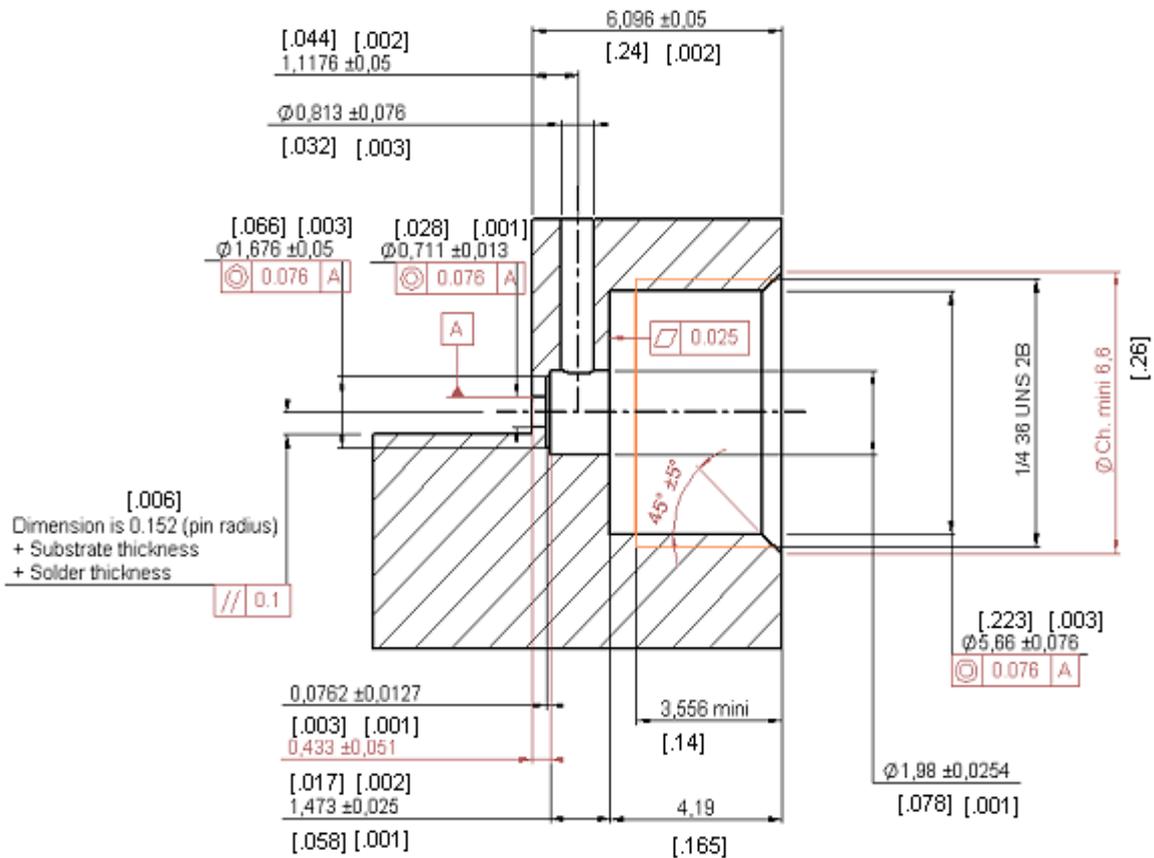
In the effort to improve our products, we reserve the right to make changes judged to be necessary.



MALE THREAD-IN RECEPTACLE
FOR 0.3 MM DIA

R127.844.001

Series : SMA2.9



To obtain correct concentricity and dimensions on the panel drilling,
we recommend to use RADIALL special tools:

R282.080.000 drilling tool
and R282.082.000 screw tap

Issue : 0538 A

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**MALE THREAD-IN RECEPTACLE
FOR 0.3 MM DIA**

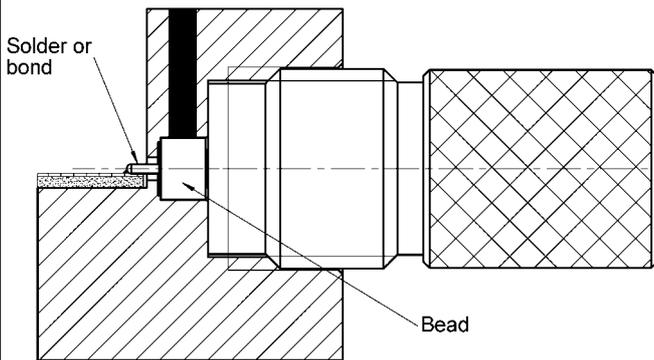
R127.844.001

Series : SMA2.9

Soldering of the glass bead and mounting of the SMA 2.9 on the housing

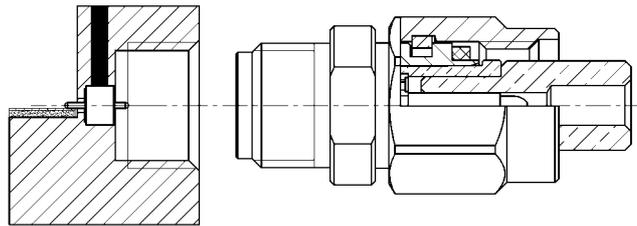
1 SOLDERING of the glass bead

Set up of the R280.760.000 glass bead in the housing. keep the glass Bead into position thanks to R282.745.000 Positioner



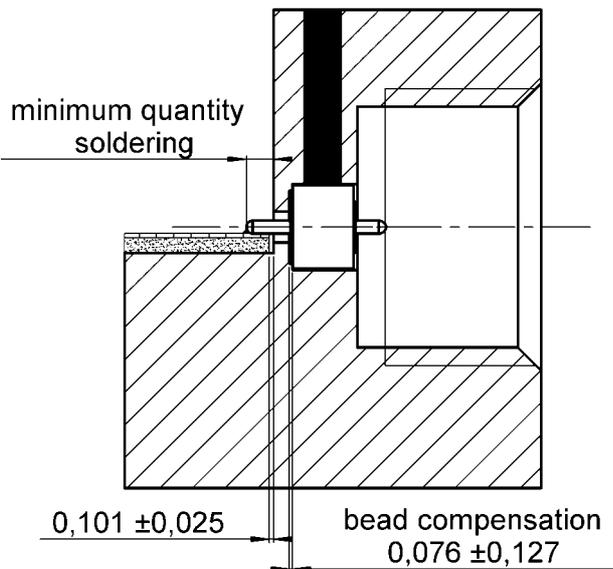
3 MOUNTING of the flange on the box

Set up the R282.860.000 position gauge on the flange to ensure a good concentricity. Screw the assembly on the housing.



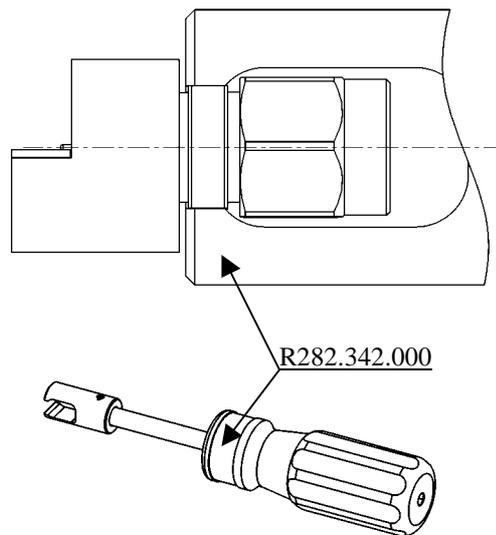
2 POSITION of the glass bead after soldering

Check the soldering quality as well as the position of the glass bead in the housing.



4 LOCKING of the flange on the box

Lock the flange on the housing thanks to R282.342.000 dynamometer screw-driver



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