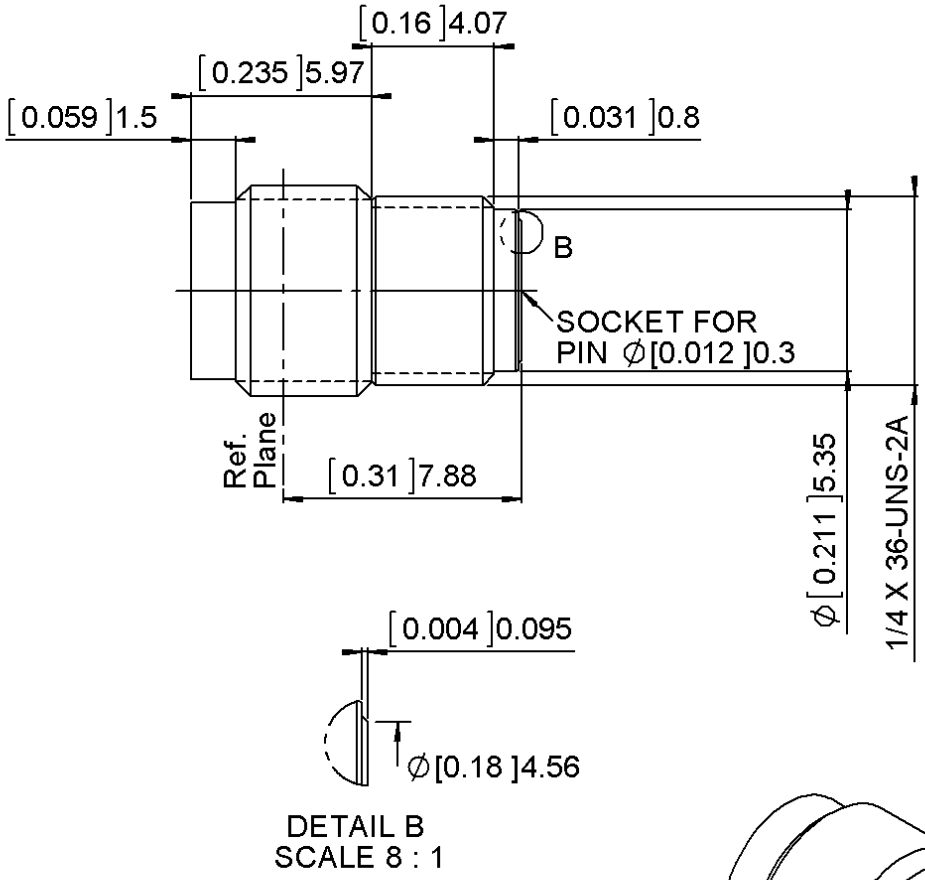
UNIVERSAL SCREW RECEPTACLE

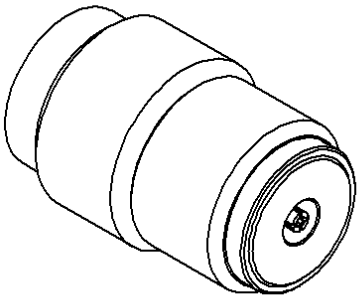
FOR AXIS 0.3 MM

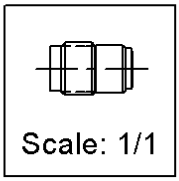
R327.556.000

Series : **2.4MM**



DETAIL B
SCALE 8 : 1





All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	**BERYLLIUM COPPER**	**GOLD 0.8 OVER COPPER 2.5**
CENTER CONTACT	**BERYLLIUM COPPER**	**GOLD 1.3 OVER NICKEL 2**
OUTER CONTACT	**BRASS.**	**GOLD 0.8 OVER COPPER 2.5**
INSULATOR	**PEEK**	
GASKET		
OTHERS PARTS		
-	-	-
-	-	-

Issue : 1351 A

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	**'W' option**	**Contact us**

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-50**	GHz
VSWR	**1.05** +	**0,0040**	x F(GHz) Maxi
Insertion loss		**0.04**	√F(GHz) dB Maxi
RF leakage	- (	**100***	- F(GHz)) dB Maxi
Voltage rating		**250**	Veff Maxi
Dielectric withstanding voltage		**500**	Veff mini
Insulation resistance		**5000**	MΩ mini

ENVIRONMENTAL

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

OTHER CHARACTERISTICS

Assembly instruction

Others :
*RF leakage at 1 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	**NA**	N.cm
Mating life	**500**	Cycles mini
Weight	**2,3400**	g

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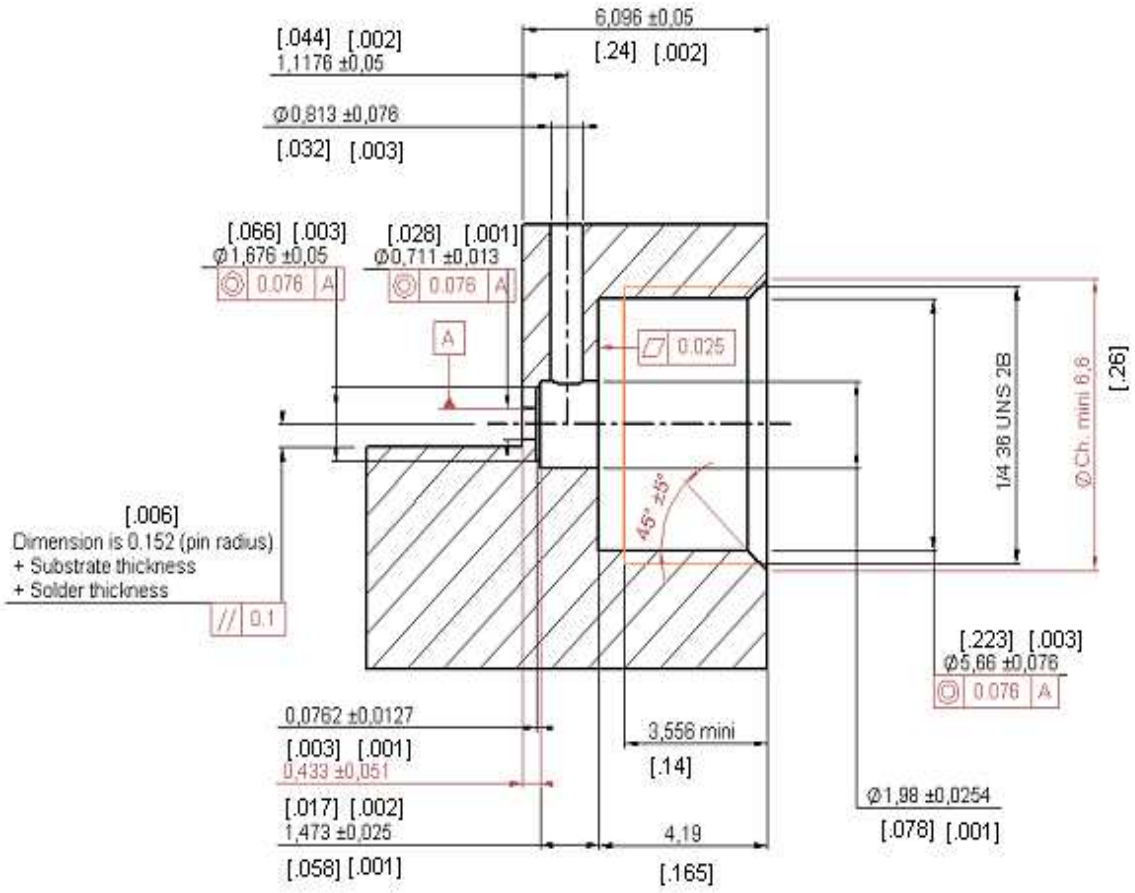

To obtain correct concentricity and dimensions on the panel drilling,
we recommend to use RADIALL special tools:
R282.080.000 drilling tool
and R282.082.000 screw tap

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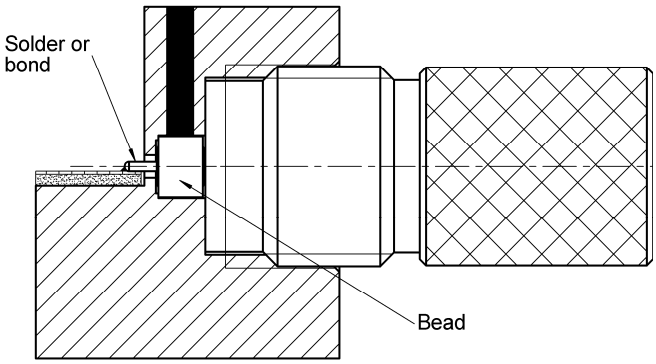
Soldering of the glass bead and mounting of the 2.4mm on the housing

1

SOLDERING of the glass bead

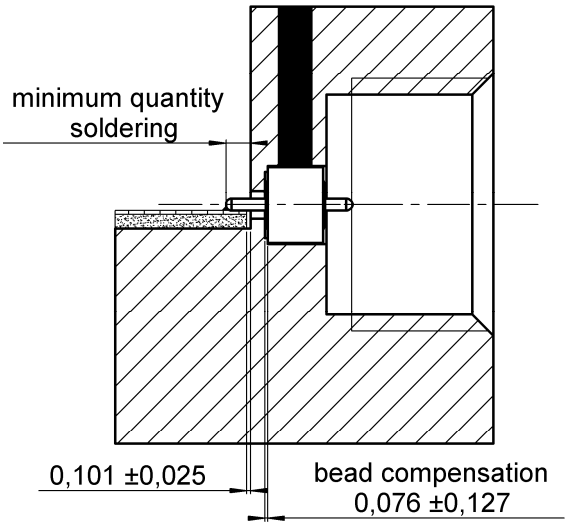
Set up of the R280.760.000 glass bead in the housing.
keep the glass Bead into position thanks to
R282.745.000 Positioneer



2

POSITION of the glass bead after soldering

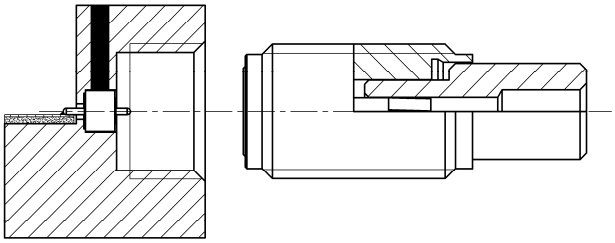
Check the soldering quality as well as the position of the glass bead in the housing.



3

MOUNTING of the flange on the box

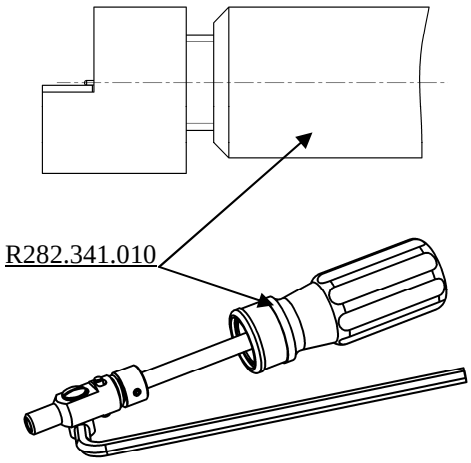
Set up the R282.860.000 position gauge on the flange
to ensure a good concentricity.
Screw the assembly on the housing.



4

Locking of the flange on the box

Lock the flange on the housing thanks to
R282.341.010 dynamometer screw-driver



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