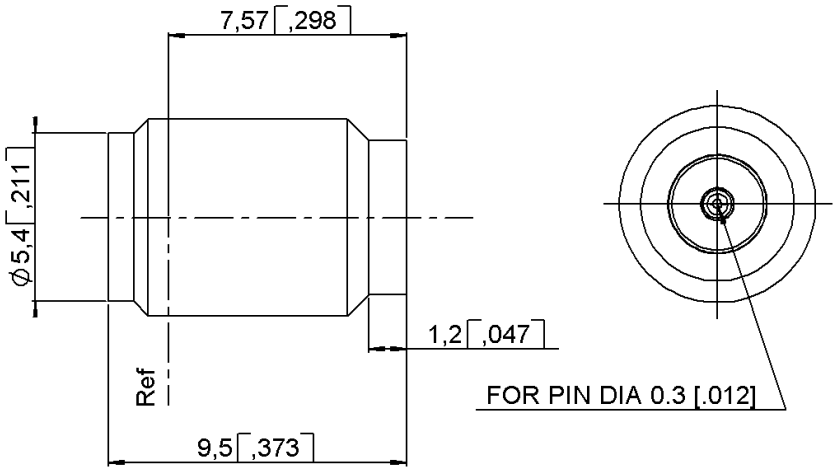
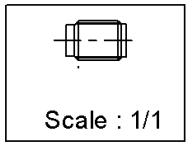
UNIVERSAL SCREW JACK RECEPTACLE

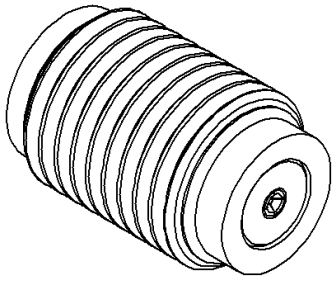
FOR 0.3 MM AXE

R125.556.001

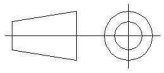
Series : **SMA**







All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	**STAINLESS STEEL**	**PASSIVATED**
CENTER CONTACT	**BERYLLIUM COPPER**	**GOLD 1.3 OVER NICKEL2**
OUTER CONTACT	-	-
INSULATOR	**PTFE**	
GASKET	-	
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0905 B

RADIALL®

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PACKAGING

Standard	Unit	Other
1	-	**Contact us**

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		**50**	Ω
Frequency		**0-18**	GHz
VSWR	**1.06** +	**0,0100**	x F(GHz) Maxi
Insertion loss		**0.03**	√F(GHz) dB Maxi
RF leakage	- (	**NA**	- F(GHz)) dB Maxi
Voltage rating		**335**	Veff Maxi
Dielectric withstanding voltage		**1000**	Veff mini
Insulation resistance		**5000**	MΩ mini

ENVIRONMENTAL

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

OTHERS CHARACTERISTICS

Assembly instruction **NA**

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	**NA**	N.cm
Panel nut	**190**	N.cm
Mating life	**500**	Cycles mini
Weight	**0,3380**	g

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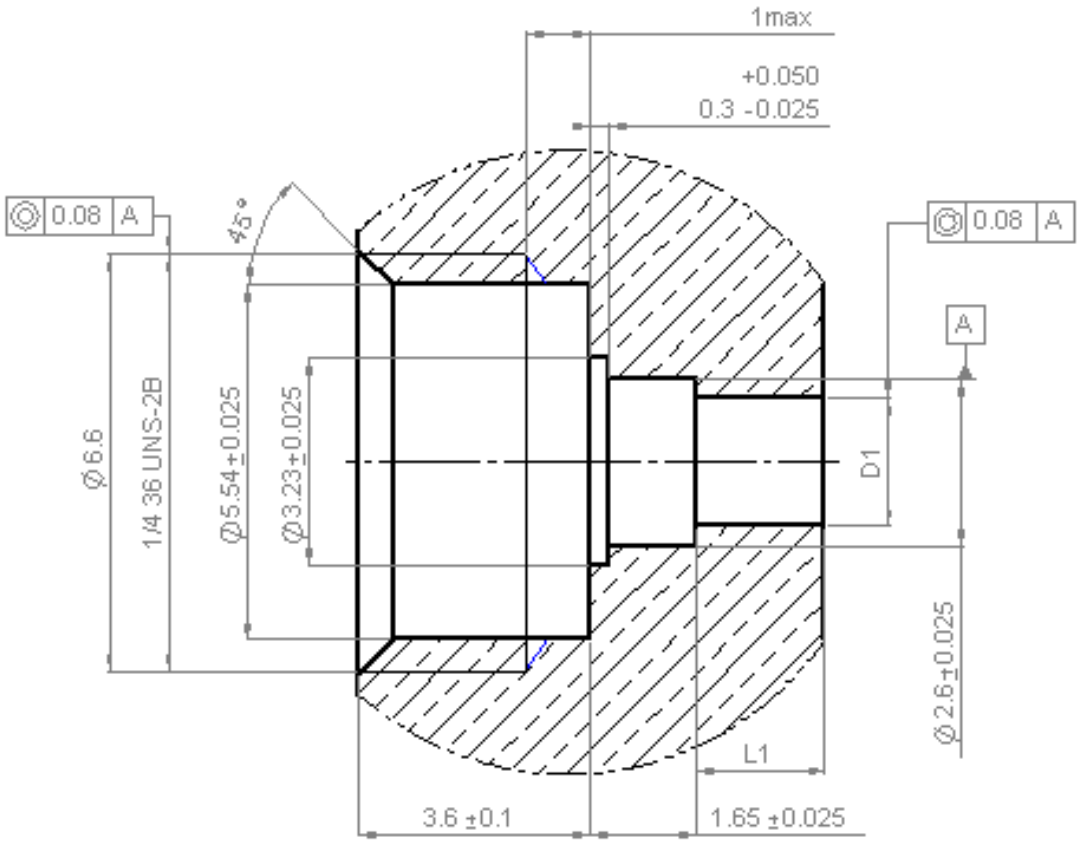
PERCAGE PANNEAU (MOUNTING HOLE) :



THE D1 AND L1 DIMENSIONS HAVE TO BE DETERMINED ACCORDING TO EACH USING SITUATION WE ADVISE IN THE TWO FOLLOWING SITUATIONS : (SEE PAGE 4/4)

- USING OF THE R280.469.000 :REMOVABLE SOCKET :
  D1 = 2 + or –0.02 L1 = 2.5 + or –0.1
- THE BEAD PIN IS DIRECTLY WELDED ON THE TRACK
  D1 = 0.70 + or –0.02 L1 = from 1 to 4 ACCORDING TO THE CUSTOMER 'S DESIGN CRITERIA

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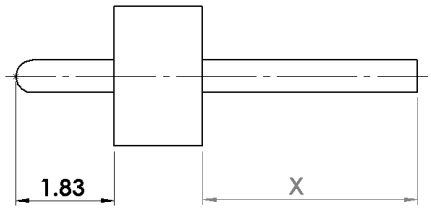
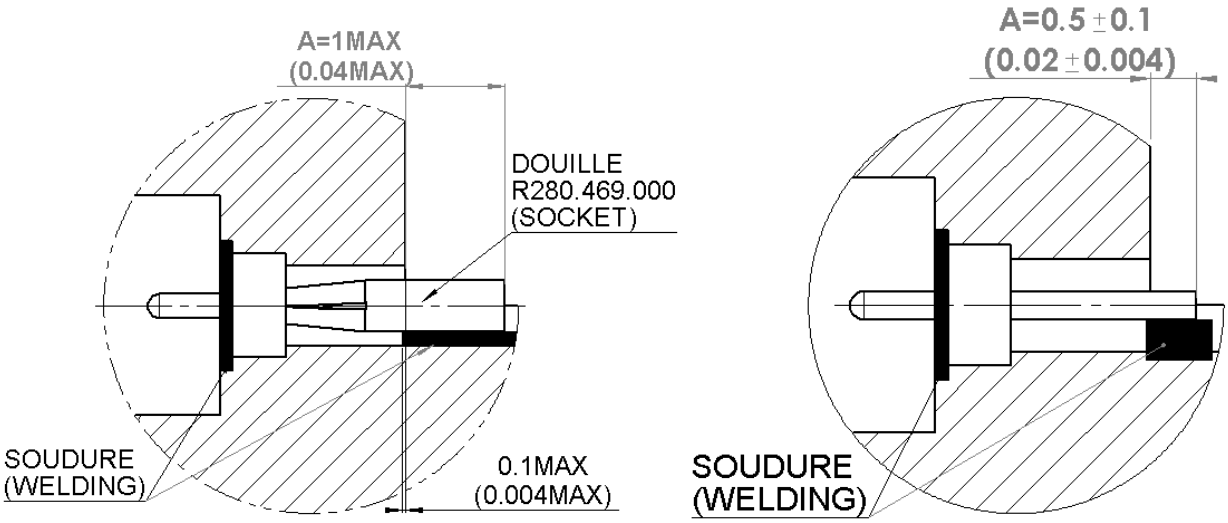
MONTAGE (MOUNTING) :

X = 2 +/-0.5 (0.08 +/- 0.02)



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 THERE IS NOT TOO MUCH WELDING .

- **IMPORTANT :** FOR MAXIMUM RF CHARACTIRISTICS THE LINK TRACK / PIN MUST BE AS THIN AS POSSIBLE . WE ADVISE THEREFORE TO FOLLOW THE A DIMENSION RIGOUROUSELY , BY WELDING ACCURATLY THE BEAD PIN DIRECTELY ON THE TRACK (RIGHT DRAWING)

-

CONNECTOR :

- SCREW THE CONNECTOR INTO THE HOUSING . THIGTEN UP TO 17 INCH-POUND TORQUE
- (USE SPECIAL TOOLING SET RADIALL R282.341.010)