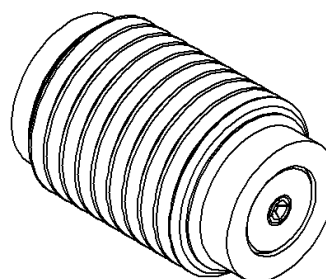
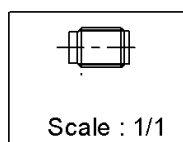
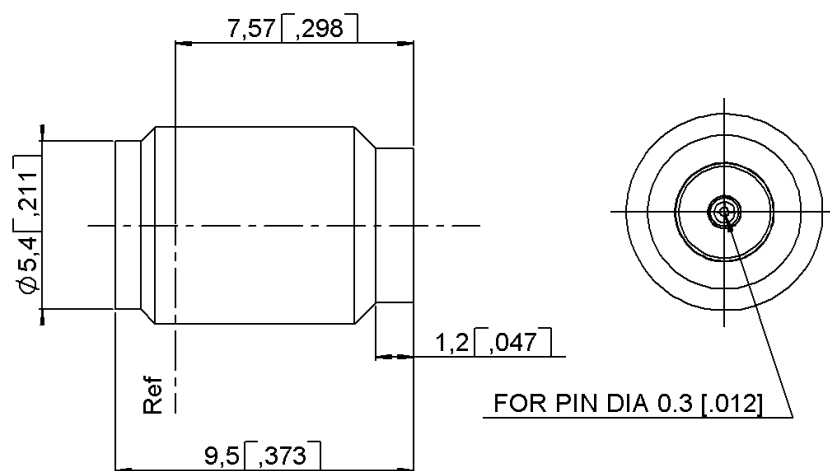


UNIVERSAL SCREW JACK RECEPTACLE

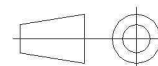
FOR 0.3 MM AXE

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

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



UNIVERSAL SCREW JACK RECEPTACLE

FOR 0.3 MM AXE

R125.556.001

Series : SMA

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	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (NA)	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-65/+125	$^{\circ}$ C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHERS CHARACTERISTICS

Assembly instruction	NA
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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

Issue : 0905 B

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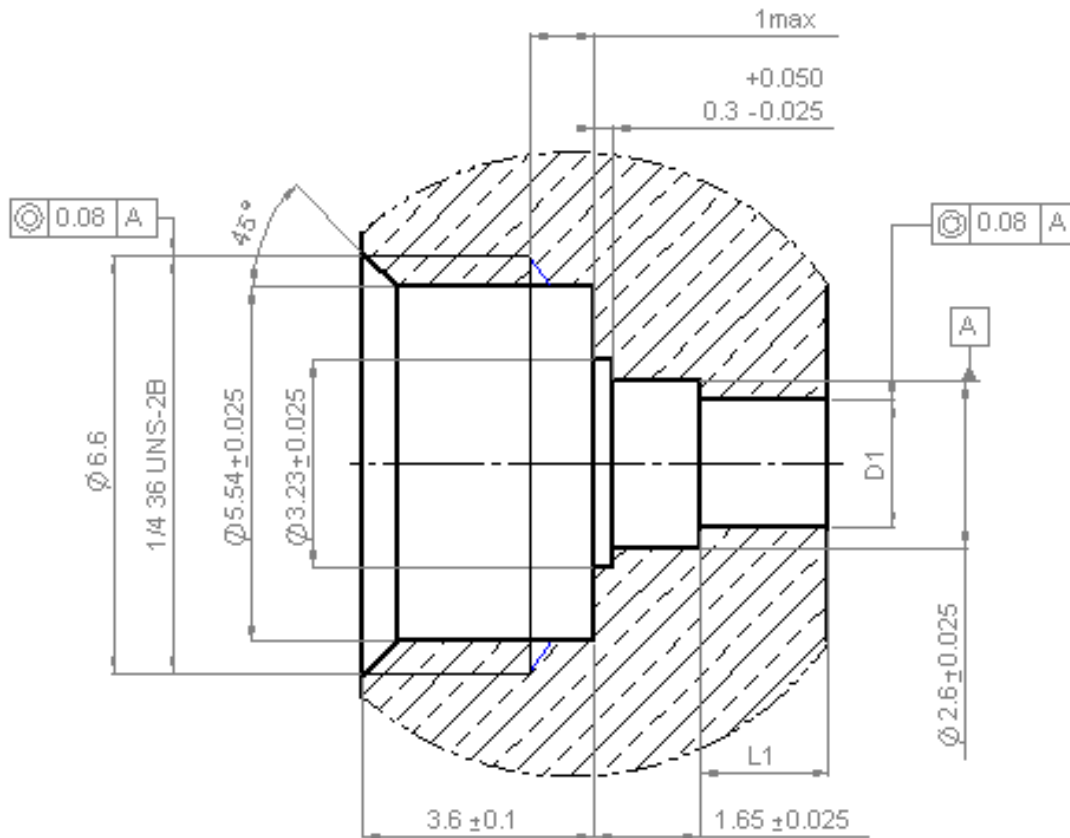
**RADIALL**®

UNIVERSAL SCREW JACK RECEPTACLE

FOR 0.3 MM AXE

R125.556.001

Series : SMA

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

Issue : 0905 B

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RADIALL®

UNIVERSAL SCREW JACK RECEPTACLE

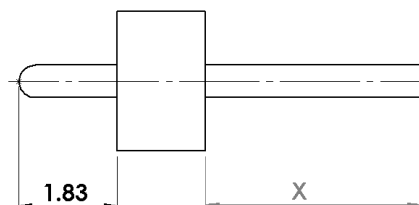
FOR 0.3 MM AXE

R125.556.001

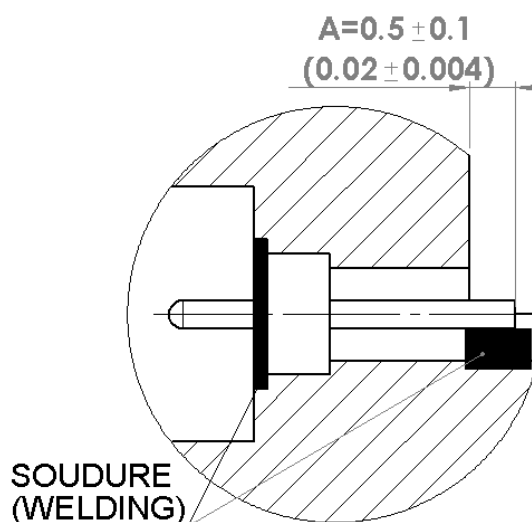
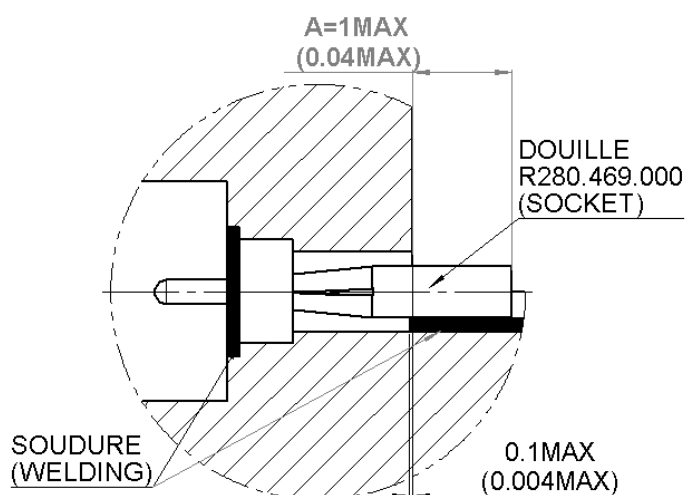
Series : SMA

MONTAGE (MOUNTING) :

$$X = 2 \pm 0.5 \text{ (} 0.08 \pm 0.02 \text{)}$$



$$X = L1 + A$$

**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
- 3 – WELD THE RING BY PUTTING A WELDING WIRE IN THE GROOVE SOCKET)
- 4 – WELD THE PIN (OR SOCKET) ON THE TRACK
- BEWARE THERE IS NOT TOO MUCH WELDING .

- **IMPORTANT :** FOR MAXIMUM RF CHARACTERISTICS THE LINK TRACK / PIN MUST BE AS THIN AS POSSIBLE . WE ADVISE THEREFORE TO FOLLOW THE A DIMENSION RIGOROUSLY , 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 RADIAL R282.341.010)

Issue : 0905 B

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

