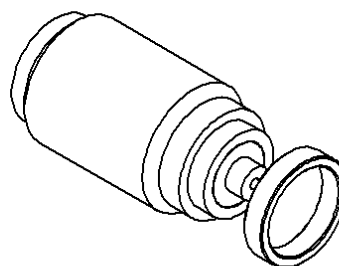


Series : **SMA**

RADIALL®

SCREW ON FEMALE RECEPTACLE
HERMETIC-WITH CYLINDRICAL CONTACT

R125.609.000

Series : SMA

PACKAGING

Standard	Unit	Other
1	-	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-26.5	GHz
VSWR	1.10 + 0,0100	x F(GHz) Maxi
Insertion loss	0.12	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (100	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-65/+165	$^{\circ}\text{C}$
Hermetic seal	10-5	Atm.cm ³ /s
Panel leakage	IP68	

OTHERS CHARACTERISTICS

Assembly instruction

Others :

Storage temperature : ambient

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	27 N mini
Axial force – Opposite end	27 N mini
Torque	2.8 N.cm mini
Recommended torque	
Mating	NA N.cm
Panel nut	280 N.cm
Mating life	500 Cycles mini
Weight	1,7400 g

Issue : 0837 D

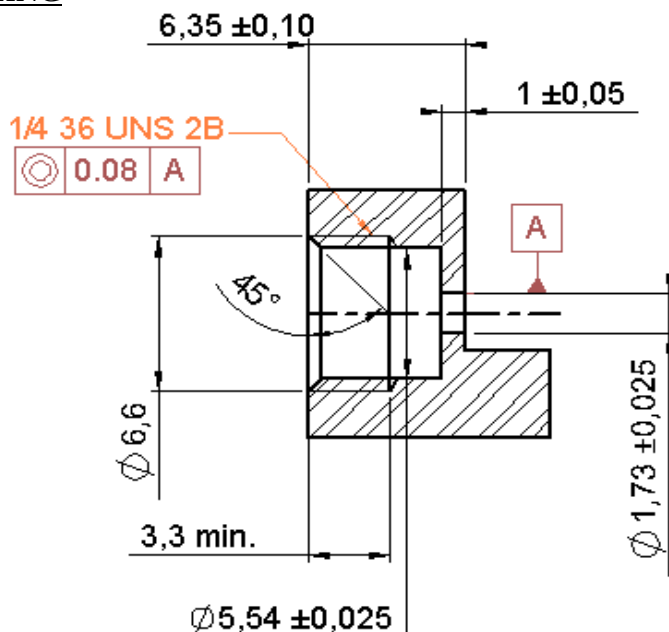
In the effort to improve our products, we reserve the right to make changes judged to be necessary.



SCREW ON FEMALE RECEPTACLE
HERMETIC-WITH CYLINDRICAL CONTACT

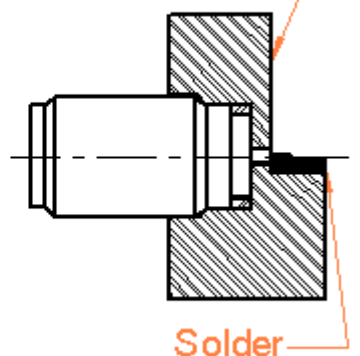
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Series : SMA

PANEL DRILLINGRECOMMENDED MOUNTING HOLE DETAIL

Panel deformation less than 25μ

Assemble metal gasket onto connector.
 Screw both parts into the housing.
 Tighten the connector up to 280Ncm +or- 10Ncm (use special tooling set RADIAL R282 341).
 Thus the connexion hermeticity is guaranteed at $1 \cdot 10^{-5} \text{atm. cm}^3/\text{s}$.
 Then solder the pin on the track.
 Be careful not to put too much solder.



Issue : 0837 D

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