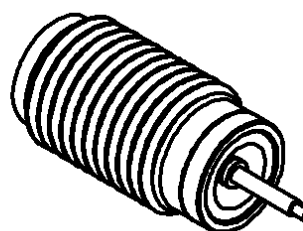
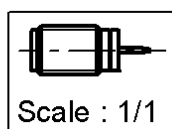
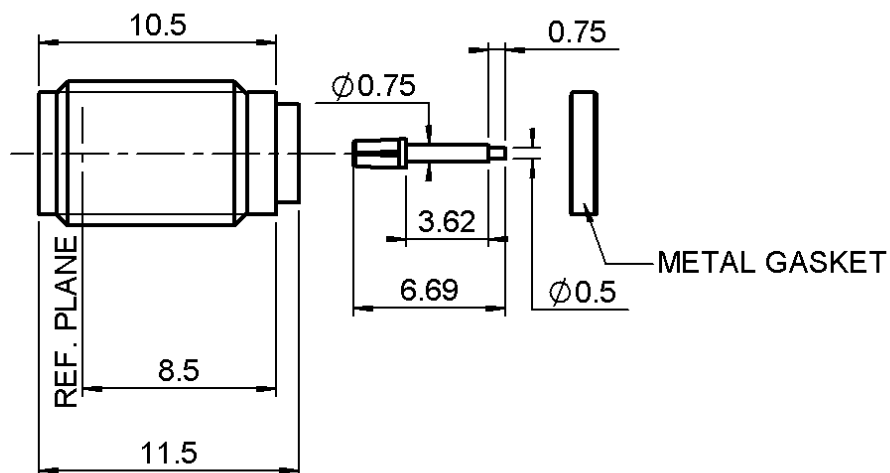


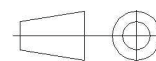
SCREW ON JACK RECEPTACLE
HERMETIC - WITH AUXILLIARY CONTACT

R125.609.051

Series : SMA



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		
INSULATOR	PTFE+GLASS BEAD	
GASKET	AG4MC	
OTHERS PARTS	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
-	-	-
-	-	-

Issue : 1942 B

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



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R125.609.051

Series : SMA

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50	Ω
Frequency	0-26.5	GHz
VSWR	1.1 + 0.010	x F(GHz) Maxi
Insertion loss	0.3	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	NA	- F(GHz) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-40/+100	$^{\circ}\text{C}$
Hermetic seal	10-8	Atm.cm ³ /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	2.8 N.cm mini
Recommended torque	
Mating	NA N.cm
Panel nut	280 N.cm
Mating life	500 Cycles mini
Weight	1.390 g

Issue : 1942 B

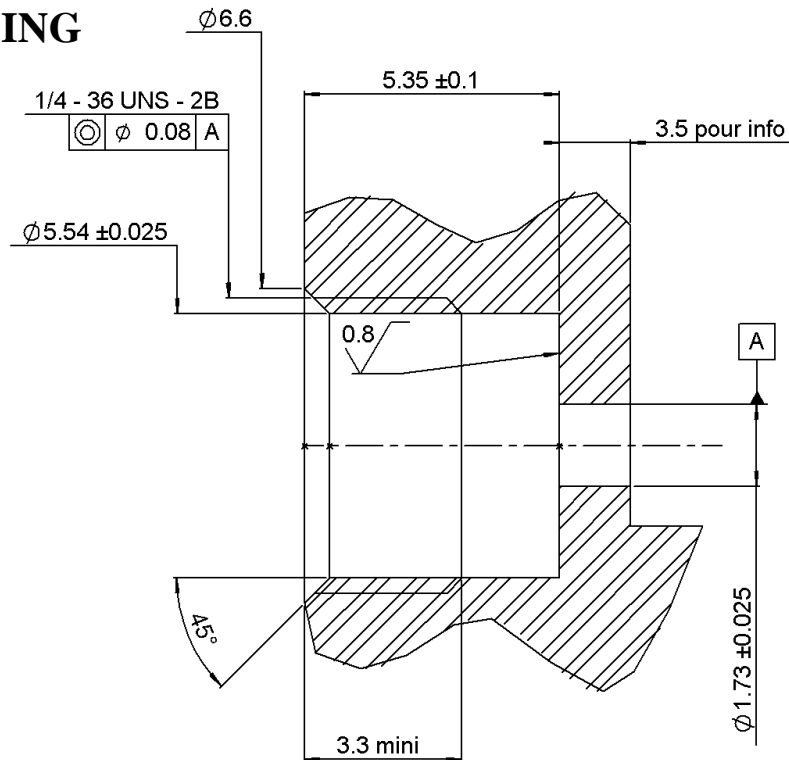
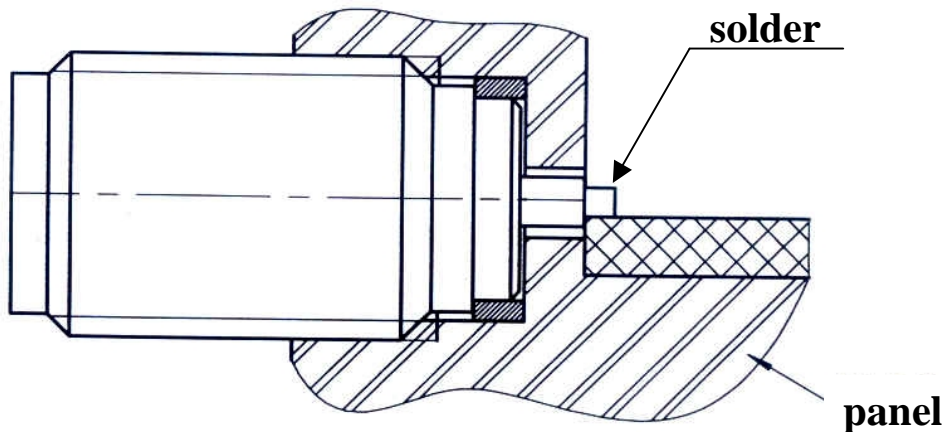
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PANEL DRILLING**MOUNTING**

Assemble metal gasket onto connector. Screw the whole into the housing.
 Tighten the connector up to 280Ncm+or-10Ncm(use special tooling set
 RADIAL R282.341.012)Thus the connexion hermeticity is guaranteed at 10-8cc/sec.
 Then solder the pin on the track.
 Beware there is not too much solder.

Issue : 1942 B

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