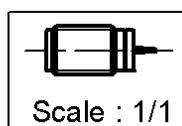
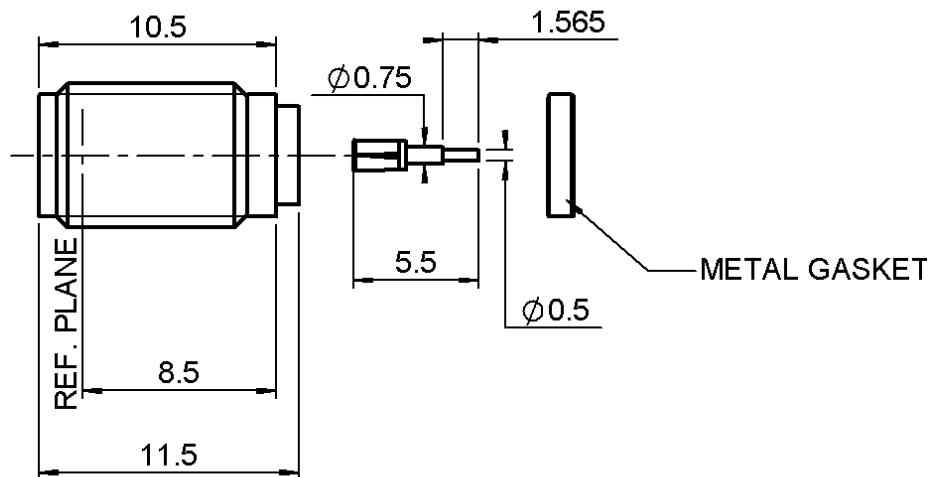


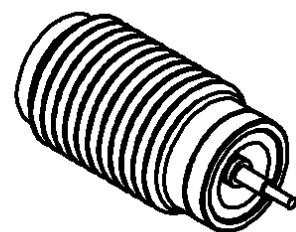
SCREW ON JACK RECEPTACLE
HERMETIC - WITH AUXILLIARY CONTACT

R125.609.031

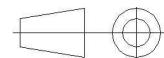
Series : SMA



Scale : 1/1



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	GOLD 0.5 OVER NICKEL 2
GASKET	Al1050A-H14	
OTHERS PARTS	BERYLLIUM COPPER	
-	-	-
-	-	-

Issue : 0431 B

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

SCREW ON JACK RECEPTACLE

HERMETIC - WITH AUXILLIARY CONTACT

R125.609.031

Series : SMA

PACKAGING

Standard	Unit	Other
1	-	Contact us

SPECIFICATION**ELECTRICAL CHARACTERISTICS**

Impedance	50 Ω
Frequency	0-26.5 GHz
VSWR	1.10 + 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 °C
Hermetic seal	10-8 Atm.cm ³ /s
Panel leakage	NA

OTHERS CHARACTERISTICSAssembly instruction **NA**

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	210 N.cm

Mating life	500 Cycles mini
Weight	1.400 g

Issue : 0431 B

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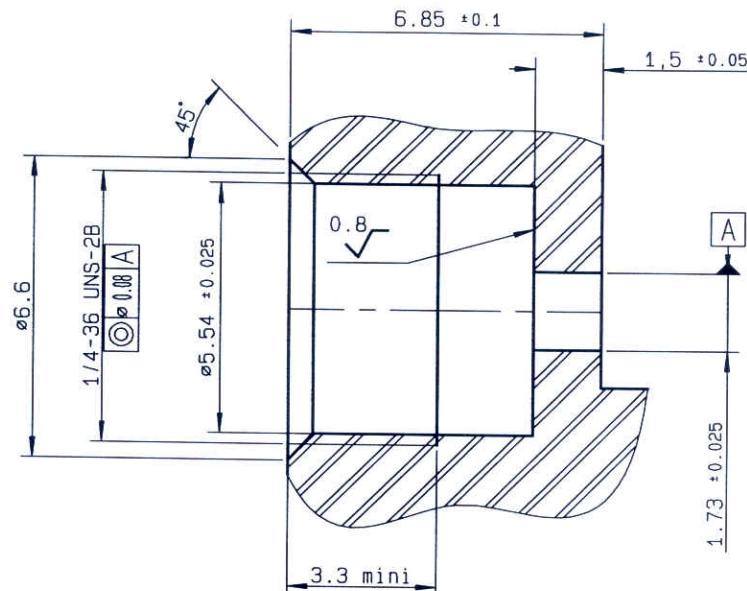


SCREW ON JACK RECEPTACLE
HERMETIC - WITH AUXILLIARY CONTACT

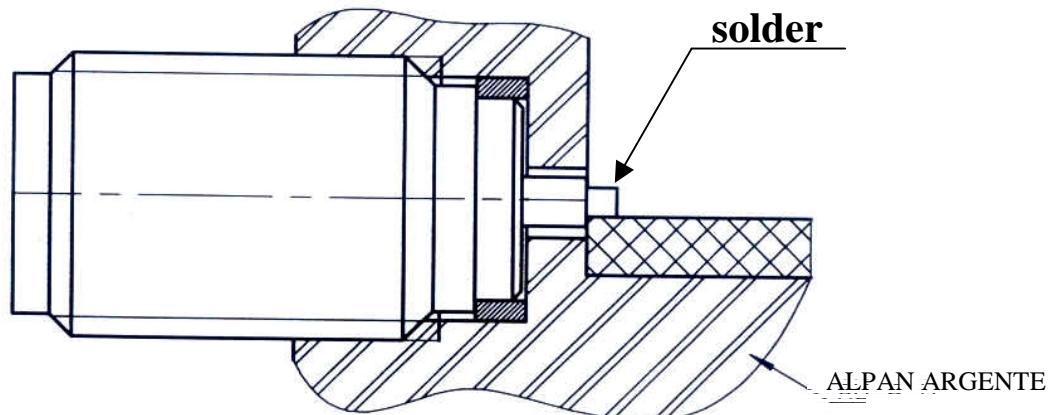
R125.609.031

Series : SMA

PANEL DRILLING



MOUNTING



Assemble metal gasket onto connector. Screw the whole into the housing.
 Tighten the connector up to 210Ncm+or-10Ncm(use special tooling set
 RADIALL R282.341.002)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 : 0431 B

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

Mouser Electronics

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