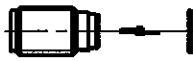
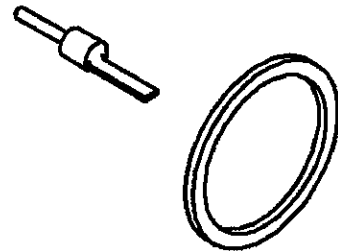
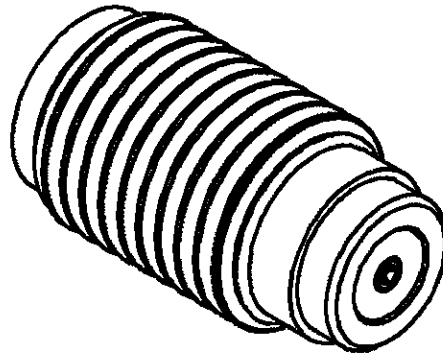
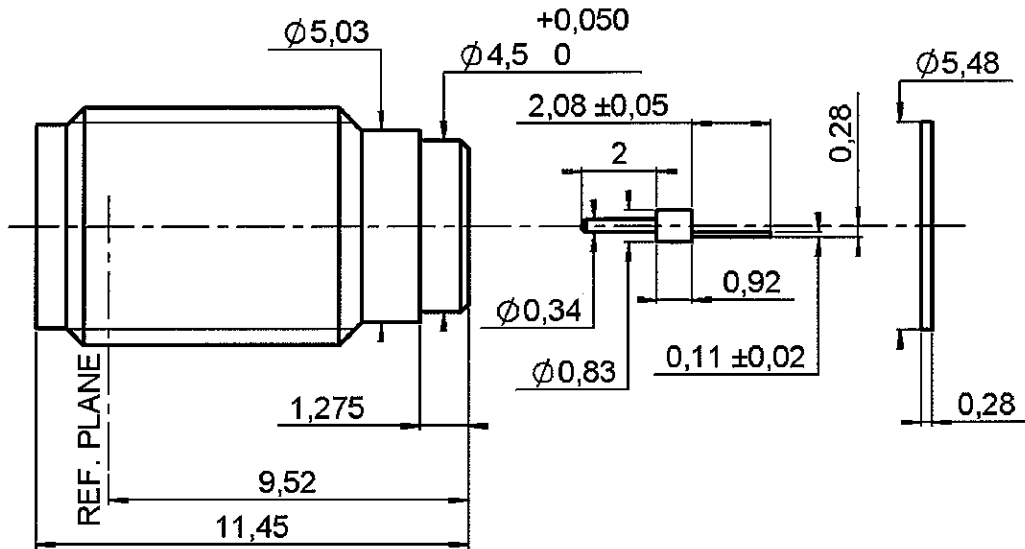


SCREW ON HERMETIC RECEPTACLE

**R125.605.311**

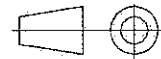
AUXILIARY CONTACT

Series : SMA



scale 1/1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	STAINLESS STEEL	PASSIVATED .
CENTER CONTACT	BERYLLIUM COPPER	GOLD 2.5 OVER COPPER 2.5
OUTER CONTACT		
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS	TIN 3
-	-	-
-	-	-

Issue : 1942 A

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



**SCREW ON HERMETIC RECEPTACLE**

**R125.605.311**

**AUXILIARY CONTACT**

Series : SMA

**PACKAGING**

**SPECIFICATION**

Standard	Unit	Other
100	'W' option	Contact us

**ELECTRICAL CHARACTERISTICS**

**ENVIRONMENTAL**

Impedance		50 Ω
Frequency		0-18 GHz
VSWR	1.2 +	0.000 x F(GHz) Maxi
Insertion loss		0.07 √F(GHz) dB Maxi
RF leakage	- (	NA - F(GHz)) dB Maxi
Voltage rating		450 Veff Maxi
Dielectric withstanding voltage		1400 Veff mini
Insulation resistance		5000 MΩ mini

Operating temperature	-65/+155 °C
Hermetic seal	10-7 Atm.cm <sup>3</sup> /s
Panel leakage	NA

**OTHERS CHARACTERISTICS**

Assembly instruction

Others :

**MECHANICAL CHARACTERISTICS**

Center contact retention	
Axial force – Mating end	15 N mini
Axial force – Opposite end	15 N mini
Torque	NA N.cm mini
Recommended torque	
Mating	NA N.cm
Panel nut	170 N.cm
Mating life	500 Cycles mini
Weight	1.450 g

Issue : 1942 A

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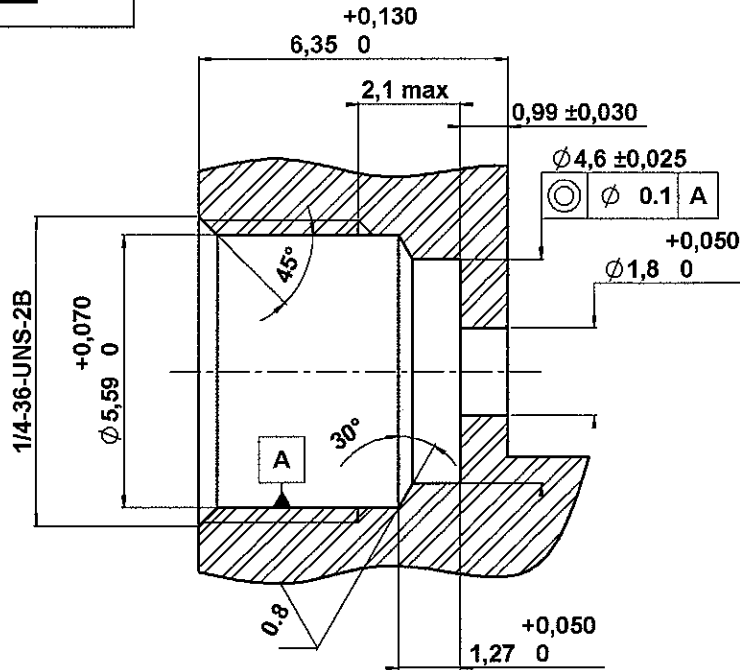
SCREW ON HERMETIC RECEPTACLE

**R125.605.311**

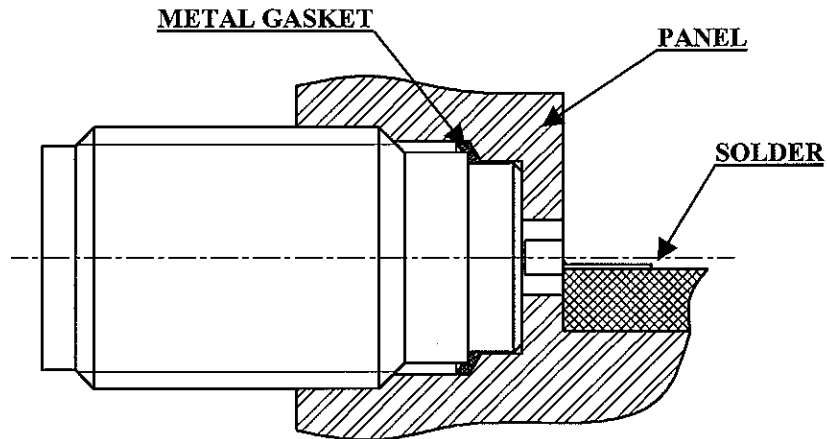
AUXILIARY CONTACT

Series : SMA

**PANEL DRILLING**



**RECOMMENDED MOUNTING HOLE DETAIL**



Assemble metal gasket onto connector. Screw both parts into the housing.  
 Tighten the connector up to 280 Ncm +/- 10 Ncm (use special tooling set RADIALL R282.341.012 ).  
 Thus the connection hermeticity is guaranteed.  
 Then solder the pin on the track.  
 Beware there is not too much solder.

Issue : 1942 A

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