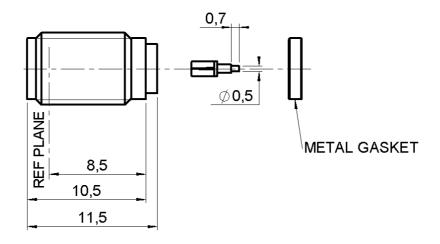
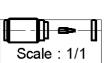
SCREW ON FEMALE RECEPTACLE

HERMETIC - WITH AUXILIARY CONTACT

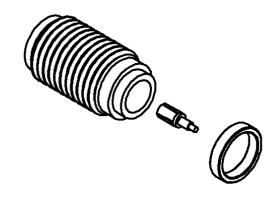
R125.609.011

Series: SMA





Scale : 1/1



All dimensions are in mm.



_	COMPONENTS	MATERIALS	PLATINGS (μm)
_	BODY CENTER CONTACT OUTER CONTACT INSULATOR GASKET OTHERS PARTS -	STAINLESS STEEL. BERYLLIUM COPPER - PTFE ALUMINIUM ALLOY BERYLLIUM COPPER -	PASSIVATED. GOLD 1.3 OVER NICKEL2 - GOLD 1.3 OVER NICKEL2 -

Issue: 1942 D

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



SCREW ON FEMALE RECEPTACLE

R125.609.011

HERMETIC - WITH AUXILIARY CONTACT

Series : **SMA**

PACKAGING

Standard Unit Other 1 - Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance 50Ω

Frequency 0-26.5 GHz

VSWR 1.10* + 0,0100 x F(GHz) Maxi Insertion loss 0.3* $\sqrt{F(GHz)}$ dB Max

Insertion loss $0.3* \sqrt{F(GHz)} dB Maxi$ RF leakage -(NA - F(GHz)) dB mini

Voltage rating 500 Veff Maxi Dielectric withstanding voltage 1000 Veff mini

Insulation resistance 5000 M Ω mini

ENVIRONMENTAL

Operating temperature -65/+165 ° C

Hermetic seal **10-5** Atm.cm3/s

Panel leakage NA

OTHERS CHARACTERISTICS

Assembly instruction

Others:

Coaxial Transmission Line Only

MECHANICAL CHARACTERISTICS

Center contact retention

Axial force – Mating end
Axial force – Opposite end
Torque

27 N mini
27 N mini
28 N.cm mini

Recommended torque

Mating NA N.cm Panel nut 280 N.cm

Mating life 500 Cycles mini

Weight **2,0000** g

Issue: 1942 D

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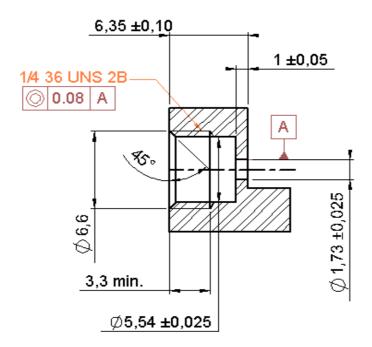
SCREW ON FEMALE RECEPTACLE

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Series: SMA

PANEL DRILLING

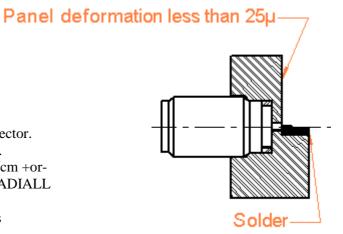


RECOMMENDED MOUNTING HOLE DETAIL

Assemble metal gasket onto connector. Screw both parts into the housing. Tighten the connector up to 280Ncm +or-10Ncm (use special tooling set RADIALL R282 341 012).

Thus the connexion hermeticity is guaranteed at 1 . 10-5atm. cm3/s. Then solder the pin on the track.

Be careful not to put too much solder.





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