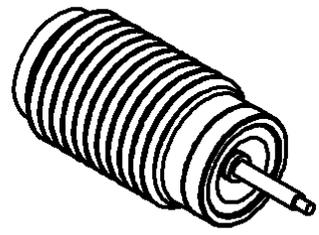
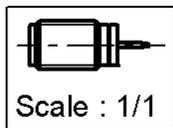
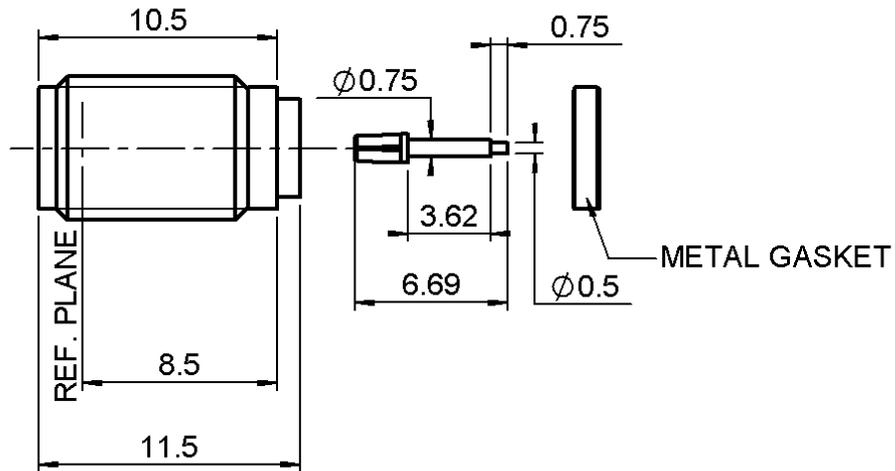


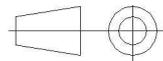
SCREW ON JACK RECEPTACLE
HERMETIC - WITH AUXILLIARY CONTACT

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.



SCREW ON JACK RECEPTACLE
HERMETIC - WITH AUXILLIARY CONTACT

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 √F(GHz) dB Maxi |
| RF leakage | - (| NA - F(GHz)) dB Maxi |
| Voltage rating | | 500 Veff Maxi |
| Dielectric withstanding voltage | | 1000 Veff mini |
| Insulation resistance | | 5000 MΩ mini |

ENVIRONMENTAL

| | |
|-----------------------|-----------------------|
| Operating temperature | -40/+100 ° C |
| Hermetic seal | 10-8 Atm.cm3/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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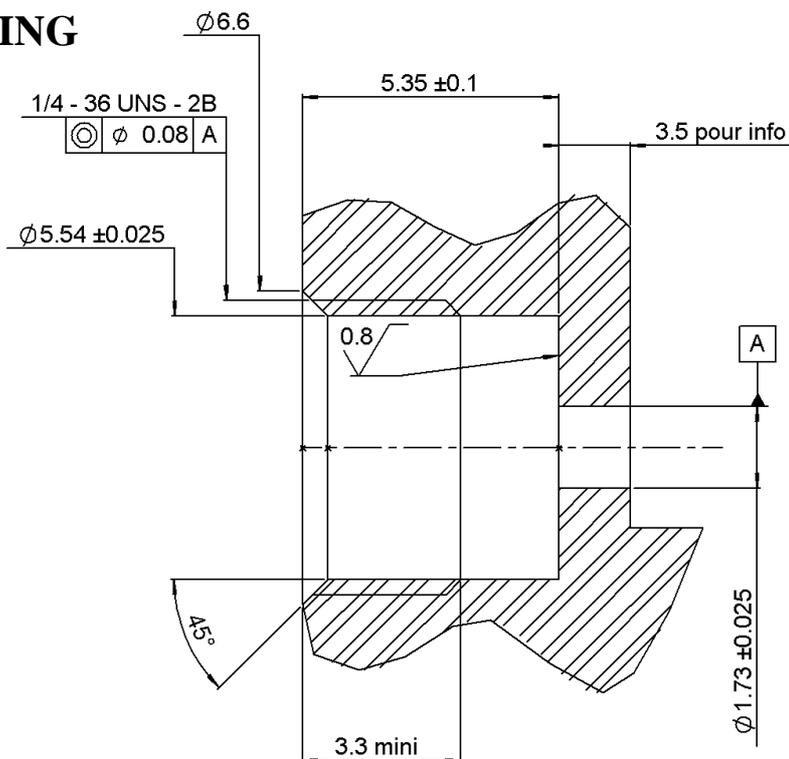


SCREW ON JACK RECEPTACLE
HERMETIC - WITH AUXILLIARY CONTACT

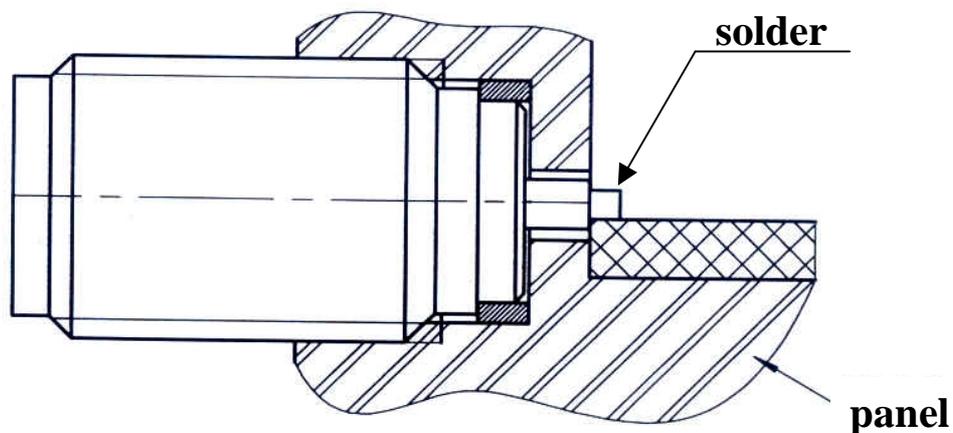
R125.609.051

Series : SMA

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
RADIALL 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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