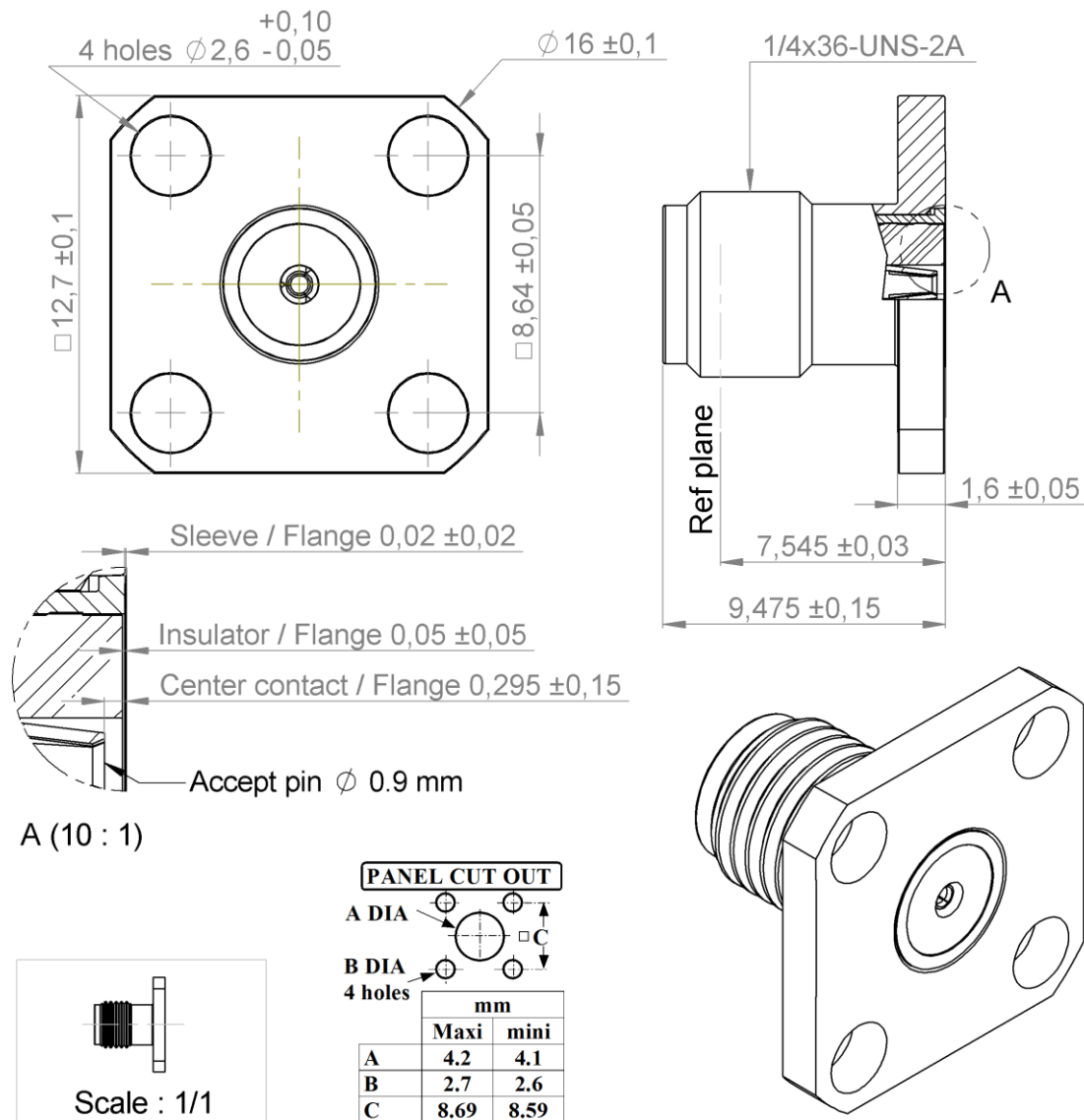


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SERIES SMA-X

PART NUMBER R125410111X



All dimensions are in mm.

| COMPONENTS | MATERIALS | PLATING (μm) |
|----------------|------------------|---------------------------|
| Body | STAINLESS STEEL | PASSIVATED |
| Center contact | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL2 |
| Outer contact | | |
| Insulator | PTFE | |
| Gasket | | |
| Others parts | STAINLESS STEEL | PASSIVATED |
| - | - | - |
| - | - | - |

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SERIES SMA-X

PART NUMBER R125410111X

PACKAGING

| Standard | Unit | Other |
|----------|------|------------|
| 1 | - | Contact us |

ELECTRICAL CHARACTERISTICS

| | | |
|---------------------------------|---------------|-------------------|
| Impedance | 50 | Ω |
| Frequency | 0-18 | GHz |
| VSWR | 1.04 + 0,0060 | x F(GHz) Maxi |
| Insertion loss | 0.02+0.07* | √F(GHz) dB Maxi |
| RF leakage | - (120 | - F(GHz)) dB Maxi |
| Voltage rating | 335 | Vrms Maxi |
| Dielectric withstanding voltage | 1000 | Vrms mini |
| Insulation resistance | 5000 | MΩ mini |

ENVIRONMENTAL

| | | |
|-----------------------|----------|-----------|
| Operating temperature | -65/+105 | °C |
| Hermetic seal | NA | Atm.cm3/s |
| Panel leakage | NA | |

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 | 80-120 | N.cm |
| Panel nut | NA | N.cm |
| Mating life | 500 | Cycles Maxi |
| Weight | 2,8000 | g Maxi |

SPECIFICATION

RAD-GEN-CONN-001
RAD-DET-CONN 003

OTHER CHARACTERISTICS

Assembly instruction:

Others:

* Coaxial Transmission Line Only