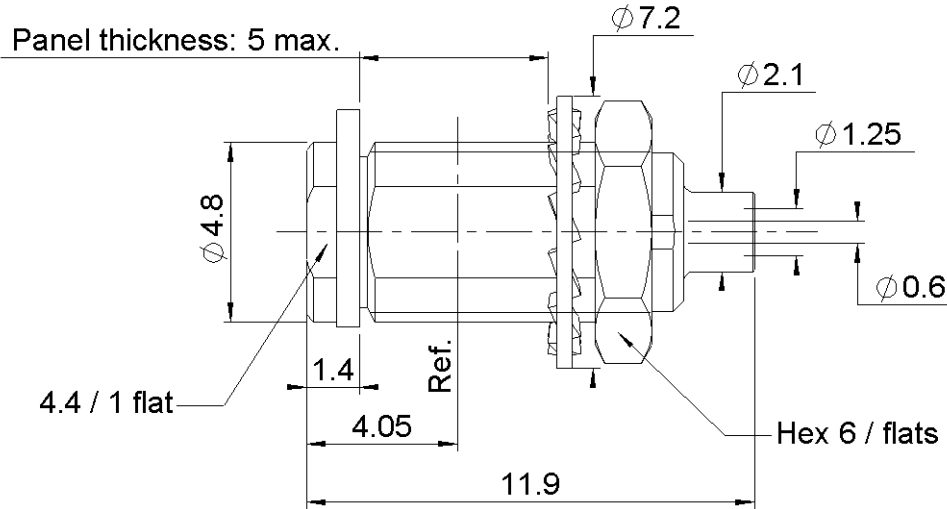
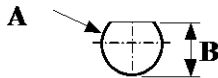


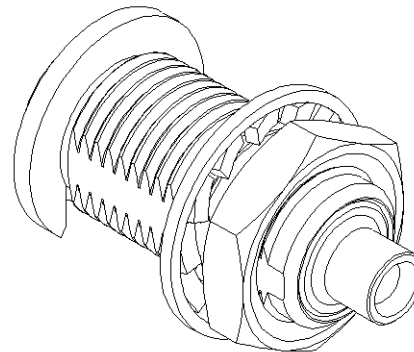
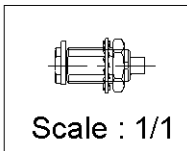
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PANEL CUT OUT

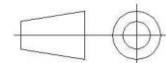


| | mm | |
|----------|-------------|-------------|
| | Maxi | mini |
| A | 5 | 4.9 |
| B | 2.08 | 2.01 |



CECC 22 221 803-01

All dimensions are in mm.



| COMPONENTS | MATERIALS | PLATING (µm) |
|----------------|-------------------------|-------------------------|
| Body | BRASS. | GOLD OVER NICKEL |
| Center contact | BERYLLIUM COPPER | GOLD OVER NICKEL |
| Outer contact | - | - |
| Insulator | PTFE | |
| Gasket | - | |
| Others parts | BRASS,BRONZE | GOLD OVER NICKEL |
| - | - | - |
| - | - | - |

| | | | |
|-----------------|------------------------|-------------------|-------------------------------|
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PACKAGING

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

ELECTRICAL CHARACTERISTICS

| | | |
|---------------------------------|----------------------|--------------------------|
| Impedance | 50 | Ω |
| Frequency | 0-3 | GHz |
| VSWR | 1.35 + 0.0000 | x F(GHz) Maxi |
| Insertion loss | NA | \sqrt{F} (GHz) dB Maxi |
| RF leakage | - (NA) | - F(GHz)) dB Maxi |
| Voltage rating | 175 | Veff Maxi |
| Dielectric withstanding voltage | 500 | Veff mini |
| Insulation resistance | 1000 | M Ω mini |

MECHANICAL CHARACTERISTICS

| | | |
|----------------------------|---------------|-------------|
| Center contact retention | | |
| Axial force – Mating End | NA | N mini |
| Axial force – Opposite end | NA | N mini |
| Torque | NA | N.cm mini |
| Recommended torque | | |
| Mating | NA | N.cm |
| Panel nut | 60 | N.cm |
| Clamp nut | NA | N.cm |
| A/F clamp nut | 0.0000 | mm |
| Mating life | 0 | Cycles mini |
| Weight | 1.1820 | g |

ENVIRONMENTAL

| | | |
|-----------------------|-----------------|--------------------|
| Operating temperature | -55/+115 | $^{\circ}\text{C}$ |
| Hermetic seal | NA | Atm.cm3/s |
| Panel leakage | NA | |

SPECIFICATION

CABLE ASSEMBLY

| Stripping | a | b | c | d | e | f |
|-----------|------------|----------|----------|----------|------------|----------|
| mm | 2.7 | 0 | 0 | 0 | 2.1 | 0 |

Assembly instruction:

Recommended cable(s)

UT47 M17/151-00001

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

| | | |
|------------|-----------|--------|
| - pull off | 43 | N mini |
| - torque | NA | N.cm |

TOOLING

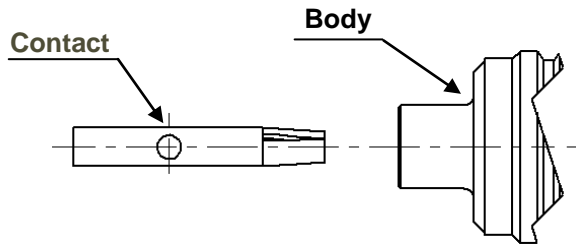
| Part Number | Description | Hexagon |
|-------------|--------------------|---------|
| R282740000 | SOLDERING MOUNTING | |

OTHER CHARACTERISTICS

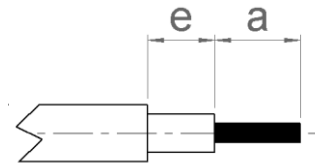
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COMPONENTS



STRIPPING DIMENSIONS



We recommend a thermal preconditioning cable.

1

Cable stripping.
To slide the nut on the cable.



2

Tin centre contact solder pot.
Solder centre contact on cable inner conductor.
Clean solder.



3

Introduce cable into the connector body until contact with the body shoulder.
Place the sub-assembly into the assembly jig R282.740.000 (or equivalent).
We advise to connect a male receptacle to the connector prior to solder the body in order to respect right centre contact position.
Tighten the sub-assembly.
Solder body on the cable.
Let the assembly cool down before removing it from the jig.
Clean solder.

