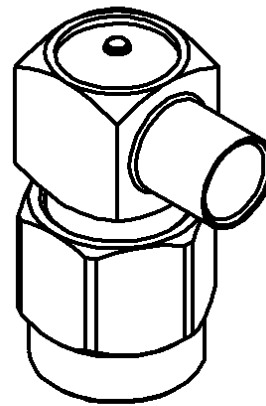
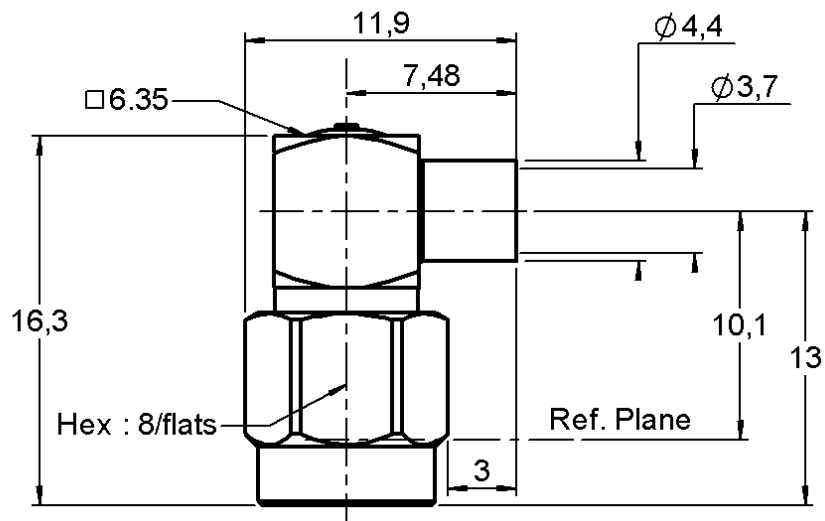


## RIGHT ANGLE PLUG SOLDER TYPE

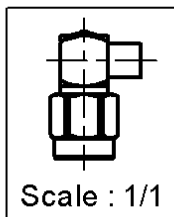
**R125.154.000**

CABLE .141

Series : SMA



CECC 22111-803-01



All dimensions are in mm.



| COMPONENTS     | MATERIALS       | PLATINGS ( $\mu\text{m}$ ) |
|----------------|-----------------|----------------------------|
| BODY           | STAINLESS STEEL | GOLD 0.5 OVER NICKEL 2     |
| CENTER CONTACT | BRASS           | GOLD 1.3 OVER NICKEL 2     |
| OUTER CONTACT  | -               | -                          |
| INSULATOR      | PTFE            | -                          |
| GASKET         | FLUORE SILICON  | GOLD 0.5 OVER NICKEL 2     |
| OTHERS PARTS   | STAINLESS STEEL | -                          |
| -              | -               | -                          |
| -              | -               | -                          |

Issue : 0122 D

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



## RIGHT ANGLE PLUG SOLDER TYPE

**R125.154.000**

CABLE .141

Series : SMA

**PACKAGING**

| Standard   | Unit              | Other             |
|------------|-------------------|-------------------|
| <b>100</b> | <b>'W' option</b> | <b>Contact us</b> |

**ELECTRICAL CHARACTERISTICS**

|                                 |               |                                      |
|---------------------------------|---------------|--------------------------------------|
| Impedance                       |               | <b>50</b> $\Omega$                   |
| Frequency                       |               | <b>0-12.4</b> GHz                    |
| VSWR                            | <b>1.10</b> + | <b>0.010</b> x F(GHz) Maxi           |
| Insertion loss                  |               | <b>0.05</b> $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | - (           | <b>90</b> - F(GHz)) dB Maxi          |
| Voltage rating                  |               | <b>500</b> Veff Maxi                 |
| Dielectric withstanding voltage |               | <b>1000</b> Veff mini                |
| Insulation resistance           |               | <b>5000</b> M $\Omega$ mini          |

**MECHANICAL CHARACTERISTICS**

|                            |              |             |
|----------------------------|--------------|-------------|
| Center contact retention   |              |             |
| Axial force – Mating end   | <b>27</b>    | N mini      |
| Axial force – Opposite end | <b>27</b>    | N mini      |
| Torque                     | <b>2.8</b>   | N.cm mini   |
| Recommended torque         |              |             |
| Mating                     | <b>100</b>   | N.cm        |
| Panel nut                  | <b>NA</b>    | N.cm        |
| Clamp nut                  | <b>NA</b>    | N.cm        |
| A/F clamp nut              | <b>0.000</b> | mm          |
| Mating life                | <b>500</b>   | Cycles mini |
| Weight                     | <b>3.784</b> | g           |

**ENVIRONMENTAL**

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

**SPECIFICATION****CABLE ASSEMBLY**

| Stripping | a    | b    | c    | d    | e    | f    |
|-----------|------|------|------|------|------|------|
| mm        | 3.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Assembly instruction : **Solder 02**

Recommended cable(s)  
RG 402  
KS 2

Cable retention  
- pull off **270** N mini  
- torque **NA** N.cm

**TOOLING**

| Part Number  | Description                              | Hexagon |
|--------------|------------------------------------------|---------|
| .            | .                                        | .       |
| R282.120.010 | SMA TOOLBOX                              |         |
| R282.053.000 | STRIPPING TOOL                           |         |
| R282.067.000 | POINTER GAUGE                            |         |
| R282.740.000 | SOLDERING MOUNTING                       |         |
| R282.744.200 | SOLDERING POSITIONER FOR RIGHT ANGLE SMA |         |

**OTHERS CHARACTERISTICS**

-

Issue : 0122 D

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