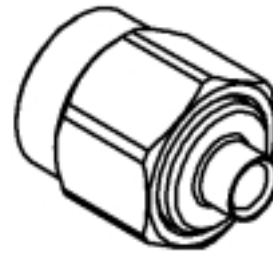
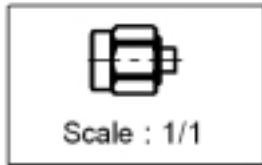
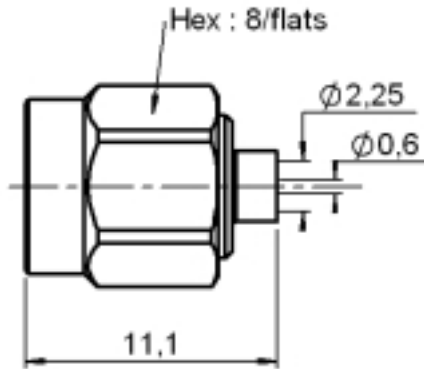


**STRAIGHT PLUG SOLDER TYPE**

**R125.052.009**

**CABLE .085**

Series : SMA



All dimensions are in mm.



| COMPONENTS     | MATERIALS        | PLATINGS (µm)              |
|----------------|------------------|----------------------------|
| BODY           | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2     |
| CENTER CONTACT | BRASS            | GOLD 2.54 OVER COPPER 2.54 |
| OUTER CONTACT  | -                | -                          |
| INSULATOR      | PTFE             | -                          |
| GASKET         | SILICONE RUBBER  | -                          |
| OTHERS PARTS   | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2     |
| -              | -                | -                          |
| -              | -                | -                          |

Issue : 0218 E

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



**STRAIGHT PLUG SOLDER TYPE**

**R125.052.009**

**CABLE .085**

Series : SMA

**PACKAGING**

| Standard | Unit | Other             |
|----------|------|-------------------|
| <b>1</b> | -    | <b>Contact us</b> |

**SPECIFICATION**

**CABLE ASSEMBLY**

**ELECTRICAL CHARACTERISTICS**

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

|                                 |               |              |                          |
|---------------------------------|---------------|--------------|--------------------------|
| Impedance                       |               | <b>50</b>    | $\Omega$                 |
| Frequency                       |               | <b>0-18</b>  | GHz                      |
| VSWR                            | <b>1.07</b> + | <b>0.008</b> | x F(GHz) Maxi            |
| Insertion loss                  |               | <b>0.03</b>  | $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | - (           | <b>90</b>    | - F(GHz)) dB Maxi        |
| Voltage rating                  |               | <b>335</b>   | Veff Maxi                |
| Dielectric withstanding voltage |               | <b>750</b>   | Veff mini                |
| Insulation resistance           |               | <b>5000</b>  | M $\Omega$ mini          |

Assembly instruction : **Solder 01**

Recommended cable(s)  
RG 405  
KS 1

Cable retention  
- pull off **130** N mini  
- torque **NA** N.cm

**MECHANICAL CHARACTERISTICS**

**TOOLING**

|                            |           |           |
|----------------------------|-----------|-----------|
| Center contact retention   |           |           |
| Axial force – Mating end   | <b>NA</b> | N mini    |
| Axial force – Opposite end | <b>NA</b> | N mini    |
| Torque                     | <b>NA</b> | N.cm mini |

| Part Number  | Description                           | Hexagon |
|--------------|---------------------------------------|---------|
| .            | .                                     | .       |
| R282.914.000 | CONTROLE GAUGE                        |         |
| R282.730.040 | INSULATOR MOUNTING TOOL               |         |
| R282.744.220 | SOLDERING POSITIONER (CENTER CONTACT) |         |
| R282.740.000 | SOLDERING MOUNTING                    |         |
| R282.862.060 | CONTROL GAUGE                         |         |
| R282.744.060 | SOLDERING POSITIONER (BODY)           |         |
| R282.120.010 | SMA TOOLBOX                           |         |
| R282.063.000 | POINTER GAUGE                         |         |
| R282.051.000 | STRIPPING TOOL                        |         |

|                    |              |      |
|--------------------|--------------|------|
| 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>2.430</b> | g           |

**ENVIRONMENTAL**

|                       |                 |              |
|-----------------------|-----------------|--------------|
| Operating temperature | <b>-65/+105</b> | $^{\circ}$ C |
| Hermetic seal         | <b>NA</b>       | Atm.cm3/s    |
| Panel leakage         | <b>NA</b>       |              |

**OTHERS CHARACTERISTICS**

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