

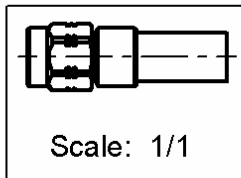
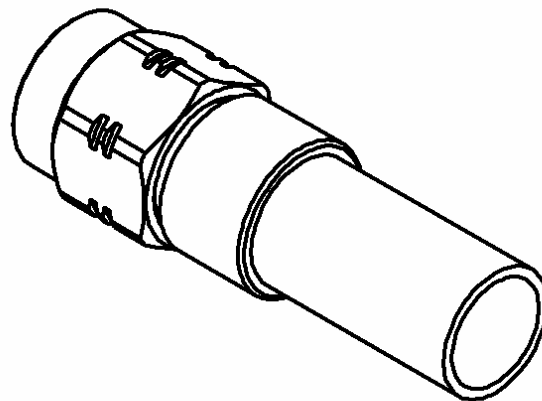
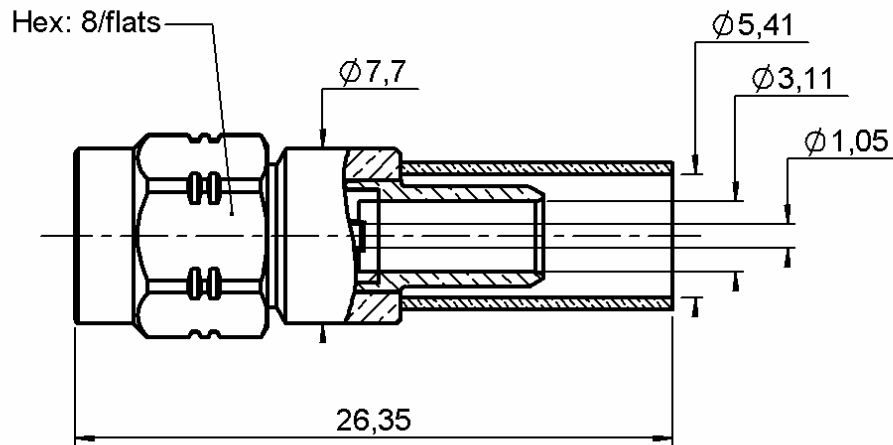
**RP SMA STRAIGHT PLUG CRIMP TYPE**

**CABLE 5/50 S**

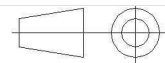
**R300.124.073**

Series :

**REV.POLARITY**



All dimensions are in mm.



| COMPONENTS     | MATERIALS        | PLATING (µm)             |
|----------------|------------------|--------------------------|
| BODY           | BRASS            | BBR 2                    |
| CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.3 OVER COPPER 2.5 |
| OUTER CONTACT  | -                | -                        |
| INSULATOR      | PTFE             | -                        |
| GASKET         | SILICONE RUBBER  | -                        |
| OTHERS PARTS   | -                | -                        |
| -              | -                | -                        |
| -              | -                | -                        |

**Issue : 0823 A**

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

**RADIAL** 

## RP SMA STRAIGHT PLUG CRIMP TYPE

CABLE 5/50 S

**R300.124.073**

Series :

**REV.POLARITY****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>1.15 + 0,0100</b> | x F(GHz) Maxi            |
| Insertion loss                  | <b>0.04</b>          | $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | - ( <b>TBD</b> )     | - F(GHz)) dB Maxi        |
| Voltage rating                  | <b>335</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>18</b> N mini    |
| Axial force – Opposite end | <b>18</b> N mini    |
| Torque                     | <b>NA</b> N.cm mini |

|                    |                  |
|--------------------|------------------|
| Recommended torque |                  |
| Mating             | <b>60</b> N.cm   |
| Panel nut          | <b>NA</b> N.cm   |
| Clamp nut          | <b>NA</b> N.cm   |
| A/F clamp nut      | <b>0,0000</b> mm |

|             |                        |
|-------------|------------------------|
| Mating life | <b>100</b> Cycles mini |
| Weight      | <b>5,3560</b> g        |

**ENVIRONMENTAL**

|                       |                     |
|-----------------------|---------------------|
| Operating temperature | <b>-65/+165</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        | 3,00 | 6,30 | 10,8 | 0,00 | 7,80 | 0,00 |

Assembly instruction :

**Crimp 02**

Recommended cable(s)

RG 58

KX 15

RG 141

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

**180** N mini

- torque

**TBD** N.cm**TOOLING**

| Part Number  | Description                    | Hexagon         |
|--------------|--------------------------------|-----------------|
| .            | .                              | .               |
| R282.223.000 | CRIMPING TOOL                  | 5.41            |
| R282.235.011 | CRIMPING DIES<br>M22520/5-11   | 5.41            |
| R282.293.000 | CRIMPING TOOL<br>M22520/5-01   |                 |
| R282.967.012 | POSITONER FOR<br>CRIMPING TOOL |                 |
| R282.281.000 | CRIMPING TOOL                  | 2x4 (pos.<br>7) |

**OTHER CHARACTERISTICS**

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