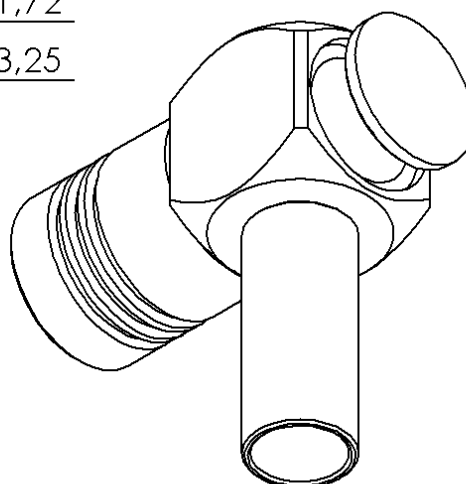
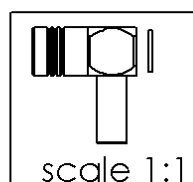
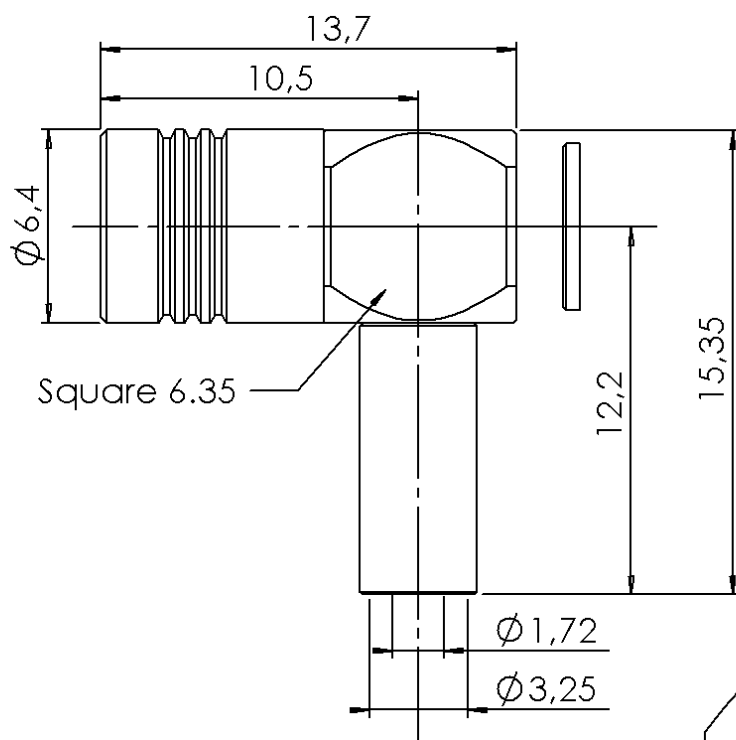
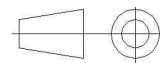


**NON MAGNETIC RIGHT ANGLE PLUG SOLDER**
**CABLE 2.6/50+75S**
**R114.186.107**

Series : SMB



All dimensions are in mm.



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

**Issue : 1012 A**

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

**RADIAL** 

## NON MAGNETIC RIGHT ANGLE PLUG SOLDER

CABLE 2.6/50+75S

**R114.186.107**

Series : SMB

PACKAGING

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

ELECTRICAL CHARACTERISTICS

|                                 |                      |                                |
|---------------------------------|----------------------|--------------------------------|
| Impedance                       | <b>50</b>            | $\Omega$                       |
| Frequency                       | <b>0-4</b>           | GHz                            |
| VSWR                            | <b>1.05 + 0,0100</b> | x F(GHz) Maxi                  |
| Insertion loss                  | <b>0.5</b>           | $\sqrt{F}(\text{GHz})$ dB Maxi |
| RF leakage                      | <b>- ( 57</b>        | - F(GHz)) dB Maxi              |
| Voltage rating                  | <b>335</b>           | Veff Maxi                      |
| Dielectric withstanding voltage | <b>1000</b>          | Veff mini                      |
| Insulation resistance           | <b>1000</b>          | M $\Omega$ mini                |

MECHANICAL CHARACTERISTICS

|                            |                     |
|----------------------------|---------------------|
| Center contact retention   |                     |
| Axial force – Mating end   | <b>10</b> N mini    |
| Axial force – Opposite end | <b>10</b> N mini    |
| Torque                     | <b>NA</b> N.cm mini |

|                    |                  |
|--------------------|------------------|
| Recommended torque |                  |
| Mating             | <b>NA</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>500</b> Cycles mini |
| Weight      | <b>3,1200</b> g        |

ENVIRONMENTAL

|                       |                     |
|-----------------------|---------------------|
| Operating temperature | <b>-65/+165</b> °C  |
| Hermetic seal         | <b>NA</b> Atm.cm3/s |
| Panel leakage         | <b>NA</b>           |

SPECIFICATIONCABLE ASSEMBLY

| Stripping | a    | b    | c    | d    | e    | f    |
|-----------|------|------|------|------|------|------|
| mm        | 1,50 | 5,40 | 9,60 | 0,00 | 8,10 | 0,00 |

Assembly instruction :

**Crimp 05**

Recommended cable(s)  
NON MAGNETIC CABLE  
RG 179 AMAG  
RG 316 AMAG

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 | <b>110</b> N mini |
| - torque   | <b>NA</b> N.cm    |

TOOLING

| Part Number  | Description                  | Hexagon |
|--------------|------------------------------|---------|
| .            | .                            | .       |
| R282.293.000 | CRIMPING TOOL<br>M22520/5-01 |         |
| R282.235.003 | CRIMPING DIES<br>M22520/5-03 | 3.25    |
| R282.211.000 | CRIMPING TOOL                | 3.25    |

OTHER CHARACTERISTICS

Distorsion of the magnetic field  
<0.5 ppm at 10mm at Bo=1.5 Tesla  
Non magnetic component

Issue : 1012 A

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