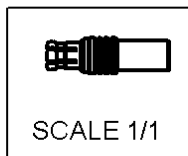
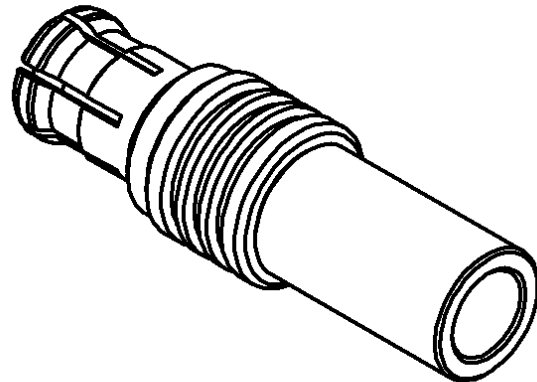
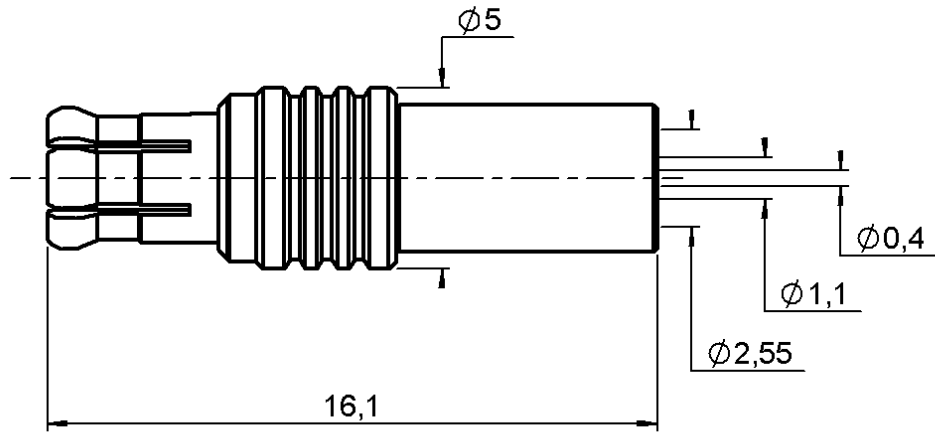


**STRAIGHT PLUG CRIMP TYPE**

**CABLE 2/50 S**

**R113.081.000**

Series : MCX



All dimensions are in mm.



| COMPONENTS     | MATERIALS        | PLATINGS (μm)          |
|----------------|------------------|------------------------|
| BODY           | BRASS            | GOLD 0.2 OVER NICKEL 2 |
| CENTER CONTACT | BRASS            | GOLD 1.3 OVER NICKEL 2 |
| OUTER CONTACT  | BERYLLIUM COPPER | GOLD 0.5 OVER NICKEL 2 |
| INSULATOR      | PTFE             |                        |
| GASKET         | -                |                        |
| OTHERS PARTS   | -                | GOLD 0.2 OVER NICKEL 2 |
| -              | -                | -                      |
| -              | -                | -                      |

**Issue : 0210 D**

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



**STRAIGHT PLUG CRIMP TYPE****CABLE 2/50 S****R113.081.000**

Series : MCX

**PACKAGING**

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

**ELECTRICAL CHARACTERISTICS**

|                                 |                     |                          |
|---------------------------------|---------------------|--------------------------|
| Impedance                       | <b>50</b>           | $\Omega$                 |
| Frequency                       | <b>0-6</b>          | GHz                      |
| VSWR                            | <b>1.10 + 0.080</b> | x F(GHz) Maxi            |
| Insertion loss                  | <b>0.25</b>         | $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | <b>NA</b>           | - F(GHz)) dB Maxi        |
| Voltage rating                  | <b>170</b>          | Veff Maxi                |
| Dielectric withstanding voltage | <b>500</b>          | Veff mini                |
| Insulation resistance           | <b>1000</b>         | M $\Omega$ mini          |

**MECHANICAL CHARACTERISTICS**

|                            |                     |
|----------------------------|---------------------|
| 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 |

|                    |                 |
|--------------------|-----------------|
| 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>0.000</b> mm |

|             |                        |
|-------------|------------------------|
| Mating life | <b>500</b> Cycles mini |
| Weight      | <b>1.080</b> g         |

**ENVIRONMENTAL**

|                       |                     |
|-----------------------|---------------------|
| Operating temperature | <b>-55/+155</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        | 2.50 | 6.00 | 10.0 | 0.00 | 7.50 | 0.00 |

Assembly instruction : **Crimp 02**

Recommended cable(s)

RG 178  
KX 21  
RG 196  
RG 178 LC

Cable retention

|            |                  |
|------------|------------------|
| - pull off | <b>32</b> N mini |
| - torque   | <b>0.5</b> N.cm  |

**TOOLING**

| Part Number  | Description   | Hexagon                  |
|--------------|---------------|--------------------------|
| .            | .             | .                        |
| R282.235.003 | CRIMPING DIES | 3.25                     |
| R282.293.000 | CRIMPING TOOL | -                        |
| R282.271.000 | CRIMPING TOOL | 3.25 -<br>SQUARE<br>0.72 |

**OTHERS CHARACTERISTICS**

-

Issue : 0210 D

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