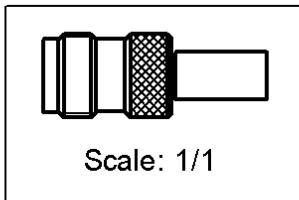
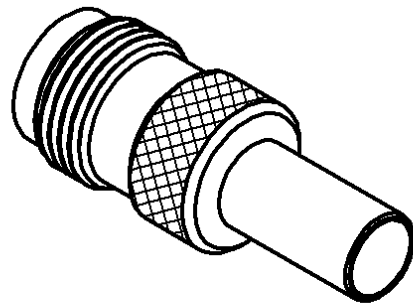
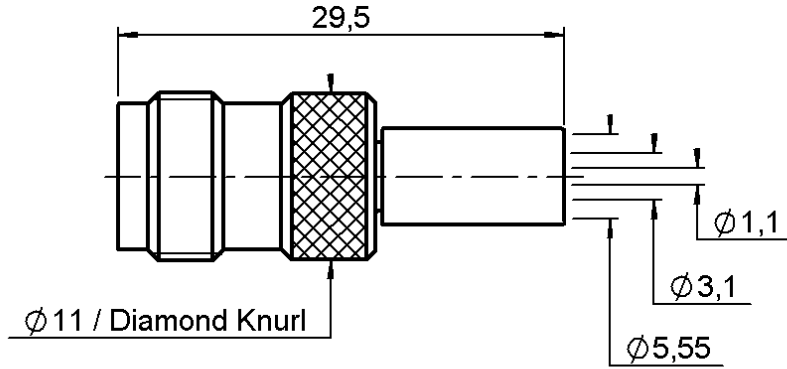


**STRAIGHT JACK CRIMP TYPE**

**CABLE 5/50 S**

**R143.235.161**

Series : TNC-COM



All dimensions are in mm.



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

Issue : 0225 A

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



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**PACKAGING**

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

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

|                                 |               |                            |
|---------------------------------|---------------|----------------------------|
| Impedance                       |               | <b>50</b> Ω                |
| Frequency                       |               | <b>0-1.5</b> GHz           |
| VSWR                            | <b>NA +</b>   | <b>0.000</b> x F(GHz) Maxi |
| Insertion loss                  |               | <b>NA</b> √F(GHz) dB Maxi  |
| RF leakage                      | <b>- ( NA</b> | <b>- F(GHz))</b> dB Maxi   |
| Voltage rating                  |               | <b>500</b> Veff Maxi       |
| Dielectric withstanding voltage |               | <b>1500</b> Veff mini      |
| Insulation resistance           |               | <b>5000</b> MΩ mini        |

**CABLE ASSEMBLY**

| Stripping | a    | b    | c    | d    | e    | f    |
|-----------|------|------|------|------|------|------|
| mm        | 4.00 | 8.50 | 15.0 | 0.00 | 11.0 | 0.00 |

Assembly instruction : **Crimp 02**

Recommended cable(s)  
 RG 58  
 KX 15  
 RG 141

Cable retention  
 - pull off **90** N mini  
 - torque **NA** N.cm

**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 |

**TOOLING**

| Part Number  | Description   | Hexagon   |
|--------------|---------------|-----------|
| .            | .             | .         |
| R282.223.000 | CRIMPING TOOL | 1.73-5.41 |
| R282.235.011 | CRIMPING DIES | 1.73-5.40 |
| R282.293.000 | CRIMPING TOOL | -         |

|                    |              |      |
|--------------------|--------------|------|
| 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>100</b>   | Cycles mini |
| Weight      | <b>8.361</b> | g           |

**OTHERS CHARACTERISTICS**

-

**ENVIRONMENTAL**

|                       |                |           |
|-----------------------|----------------|-----------|
| Operating temperature | <b>-35/+70</b> | ° C       |
| Hermetic seal         | <b>NA</b>      | Atm.cm3/s |
| Panel leakage         | <b>NA</b>      |           |

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