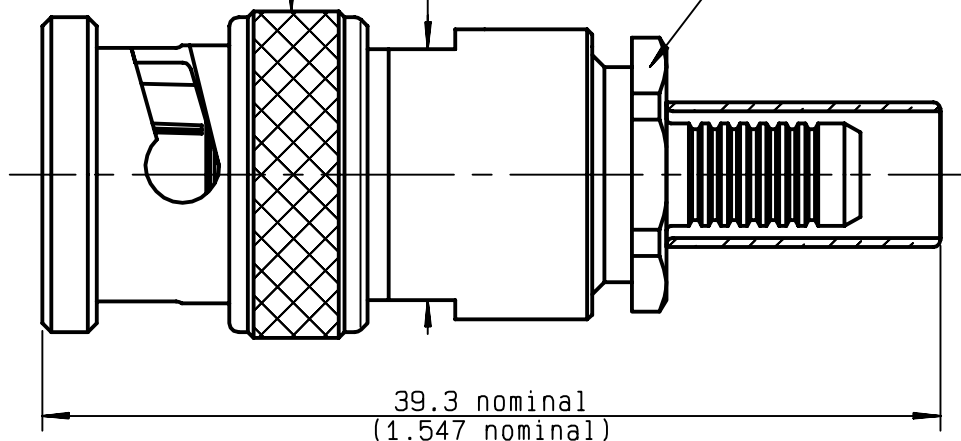


**STRAIGHT PLUG CRIMP TYPE**  
**CABLE 5/50 S**
**R141.072.000**  
**SERIES BNC**
 $\varnothing 14.3$  / Moletage croise  
 (Dia 0.563 / Diagonal knurl)

 11 / 2 Plats  
 (0.433 / 2 Flats)

 Hex 11 / Plats  
 Hex .433 / Flats


|                                 |                 |                                |
|---------------------------------|-----------------|--------------------------------|
| NOMINAL IMPEDANCE               | <b>50</b>       | $\Omega$                       |
| FREQUENCY RANGE                 | <b>0-4</b>      | GHz                            |
| TEMPERATURE RATING              | <b>-65/+165</b> | $^{\circ}\text{C}$             |
| V.S.W.R                         | <b>1.3</b> +    | <b>0</b> x F(GHz)Maxi          |
| RF INSERTION LOSS               | <b>0.115</b>    | $\sqrt{F}(\text{GHz})$ dB Maxi |
| VOLTAGE RATING                  | <b>500</b>      | Veff Maxi                      |
| DIELECTRIC WITHSTANDING VOLTAGE | <b>1500</b>     | Veff Mini                      |
| INSULATION RESISTANCE           | <b>5000</b>     | M $\Omega$ Mini                |
| HERMETIC SEAL                   | <b>NA</b>       | Atm.cm <sup>3</sup> /s         |
| LEAKAGE (pressurized only)      | <b>NA</b>       |                                |
| MECHANICAL DURABILITY           | <b>500</b>      | Cycles                         |
| WEIGHT                          | <b>18</b>       | gr                             |
| SPECIFICATION                   |                 |                                |

 CABLES : **KX 15**  
**RG 141**  
**RG 58**

## OTHERS CHARACTERISTICS

|                            |            |           |
|----------------------------|------------|-----------|
| CABLE RETENTION            | <b>90</b>  | N Mini    |
| CENTER CONTACT RETENTION   |            |           |
| Axial force - mating end   | <b>27</b>  | N Mini    |
| Axial force - opposite end | <b>27</b>  | N Mini    |
| Torque                     | <b>NA</b>  | cm.N Mini |
| RECOMMENDED TORQUES        |            |           |
| Mating                     | <b>NA</b>  | cm.N      |
| Panel nut                  | <b>NA</b>  | cm.N      |
| Clamp nut                  | <b>450</b> | cm.N      |

## CONNECTOR PARTS MATERIALS

|                |                 |
|----------------|-----------------|
| BODY           | BRASS           |
| OUTER CONTACT  |                 |
| CENTER CONTACT | BRASS           |
| INSULATOR      | PTFE            |
| GASKET         | SILICONE RUBBER |
| OTHERS PIECES  | BRASS           |

## FINISH

(all values are given )  
in micrometers

|                        |
|------------------------|
| NICKEL 2               |
| GOLD 0.5 OVER NICKEL 2 |
| -                      |
| -                      |
| NICKEL 2               |

ISSUE

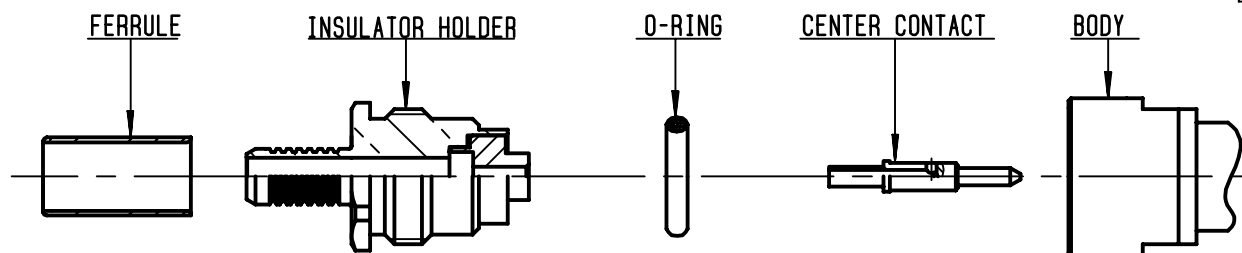
**9849D04**

CREATION DATE

**16/09/1986**

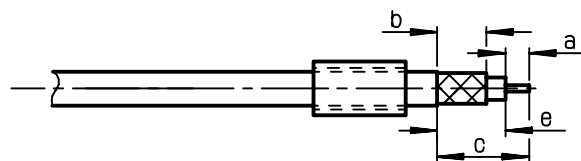
FILE PART-NUMBER

**RADIALL®**
 The information given here is subject to change without notice.  
 Design changes may be in order to improve the product .
*Connect to the future*

**R141.072.000**ISSUE **9849D04** SERIES**BNC****①**

Slide ferrule onto cable

Strip the cable .



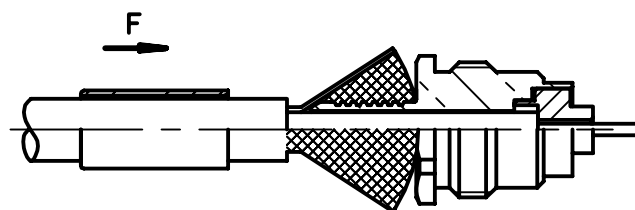
| Stripping | a     | b     | c     | d | e     |
|-----------|-------|-------|-------|---|-------|
| inch      | 0.276 | 0.335 | 1.024 | 0 | 0.748 |
| mm        | 7     | 8.5   | 26    |   | 19    |

**②**

Fan the braid.

Slide the insulator holder under the braid.

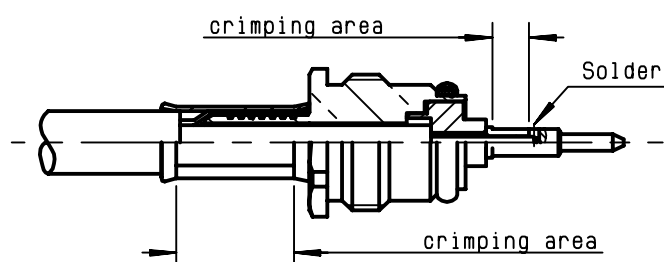
Slide the ferrule onto the cable braid in F direction.

**③**

Crimp the ferrule with the crimping tool R282.223.000 (Hex:5.41) or R282.293.000 (M 22520/5-01) + dies R282.235.011 (M 22520/5-11)

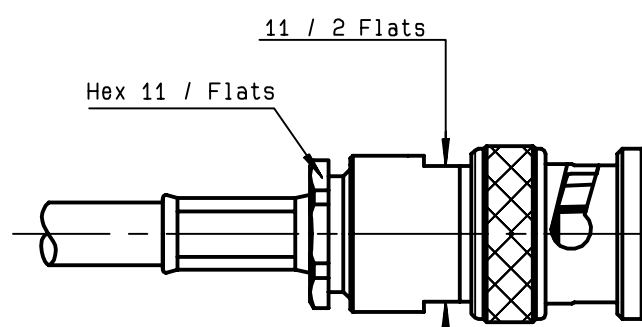
Crimp or solder the center contact.

Put the O-ring onto the insulator holder.

**④**

Screw this assembly into the connector body

Recommended coupling torque (450 N.cm)



# Mouser Electronics

Authorized Distributor

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Radial:

[R141072000](#) [R141072000W](#)