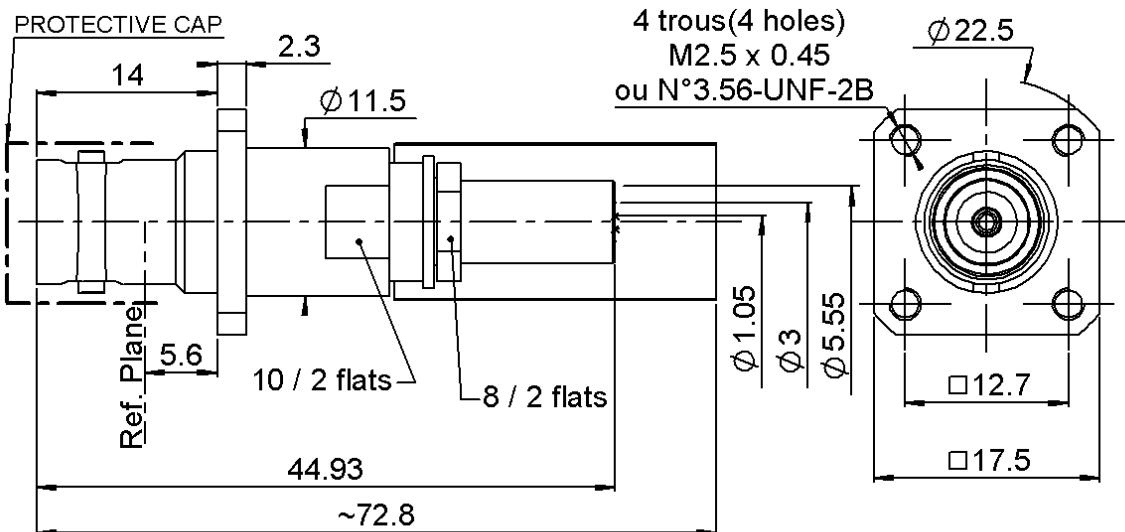
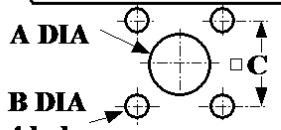


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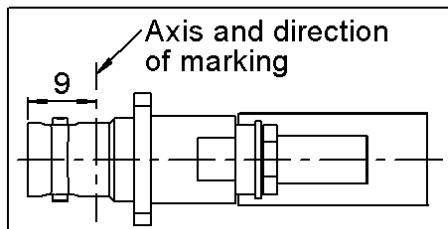
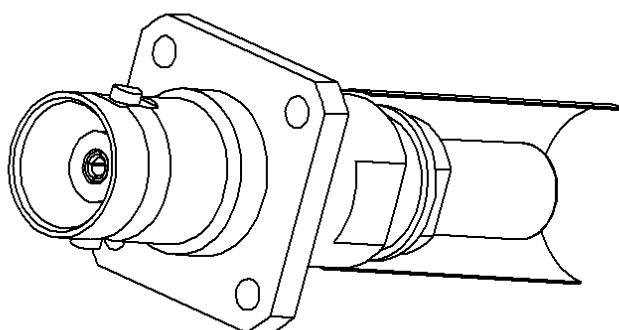
ISSUE 29-11-16E

SERIES BNC

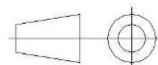
PART NUMBER R141297000


PANEL CUT OUT


| | | mm | |
|---|-------|-------|--|
| | Maxi | mini | |
| A | 11.3 | 11.2 | |
| B | 2.7 | 2.6 | |
| C | 12.75 | 12.65 | |



All dimensions are in mm.



| COMPONENTS | MATERIALS | PLATING (μm) |
|----------------|-------------------------|---------------------------|
| Body | BRASS | NICKEL |
| Center contact | BERYLLIUM COPPER | GOLD OVER NICKEL |
| Outer contact | - | - |
| Insulator | PTFE | - |
| Gasket | - | - |
| Others parts | -BRASS | NICKEL |
| - | - | - |
| - | - | - |

| | | | |
|----------|-----------------|------------|------------------------|
| PAGE 2/3 | ISSUE 29-11-16E | SERIES BNC | PART NUMBER R141297000 |
|----------|-----------------|------------|------------------------|

PACKAGING

| Standard | Unit | Other |
|------------|-------------------|-------------------|
| 100 | Contact us | Contact us |

ELECTRICAL CHARACTERISTICS

| | | |
|---------------------------------|-------------|------------------------------|
| Impedance | 50 | Ω |
| Frequency | 0-3 | GHz |
| VSWR | 1.2 | + 0,0000 |
| Insertion loss | 0.1 | √F(GHz) dB Maxi |
| RF leakage | - (| * 55 - F(GHz) dB Maxi |
| Voltage rating | 500 | Veff Maxi |
| Dielectric withstanding voltage | 1500 | Veff mini |
| Insulation resistance | 5000 | MΩ mini |

ENVIRONMENTAL

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

MECHANICAL CHARACTERISTICS

| | | |
|----------------------------|----------------|-------------|
| Center contact retention | | |
| Axial force – Mating End | 27 | N mini |
| Axial force – Opposite end | 27 | N mini |
| Torque | NA | N.cm mini |
| Recommended torque | | |
| Mating | NA | N.cm |
| Panel nut | NA | N.cm |
| Clamp nut | 170 | N.cm |
| A/F clamp nut | 8,0000 | mm |
| Mating life | 500 | Cycles mini |
| Weight | 20,5000 | g |

SPECIFICATION

ASNE0460-TC01 M -

CABLE ASSEMBLY

| Stripping | a | b | c | d | e | f |
|-----------|----------|----------|-----------|----------|----------|----------|
| mm | 9 | 9 | 23 | 0 | 0 | 0 |

Assembly instruction:

Recommended cable(s)

RG 223

KX 23

RG 142 FTX

RG 142 BU

RG 400

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
- torque

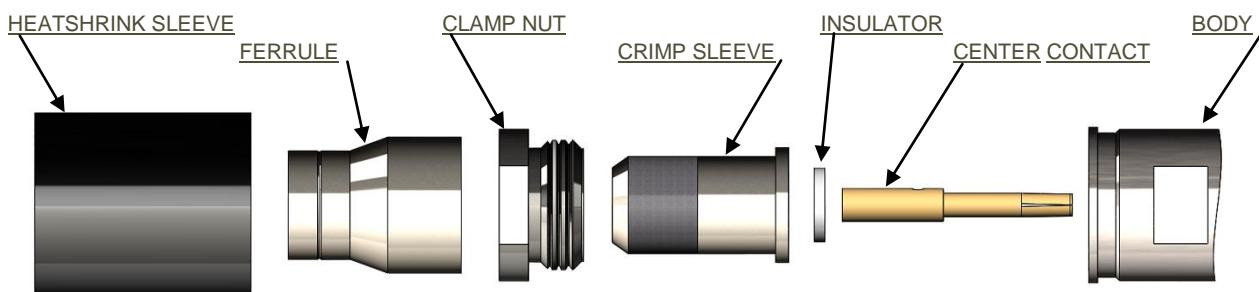
220 N mini
NA N.cm

TOOLING

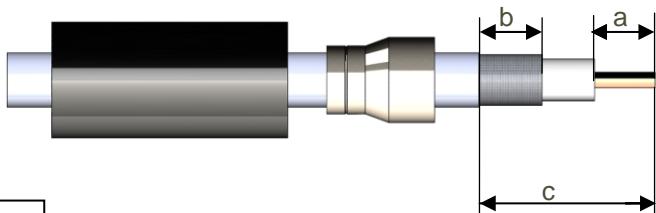
| Part Number | Description | Hexagon |
|-------------|--|--------------|
| R282246000 | CRIMPING DIES M22520/5-05 | 5.41 |
| 282291 | CRIMPING TOOL M22520/1-01 | 2x4 (pos. 7) |
| 282997 | POSITIONER FOR TOOL 282.291(M22520/1-13) | rouge |
| R282293000 | CRIMPING TOOL M22520/5-01 | - |

OTHER CHARACTERISTICS

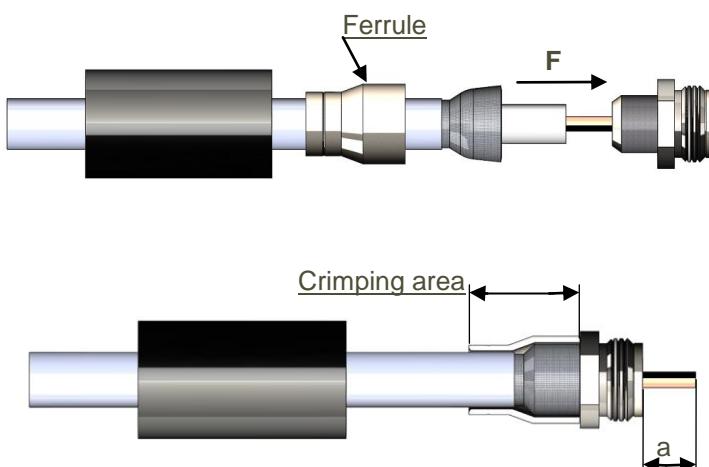
* from 2 to 3 GHz


1

Slide onto the cable the heatshrink sleeve and the ferrule
 Strip the cable.
 Optionally, to facilitate the stripping of the inner cable, the length "a" could be stripped after crimping of the ferrule.


2

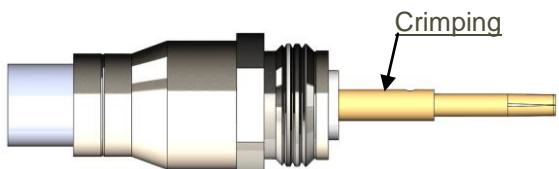
Slide the clamp nut onto the crimp sleeve.
 Slide sub-assembly under the braid.
 Slide ferrule over the braid against clamp nut.(In direction F)
 Crimp the ferrule with crimping tool + dies


3

The dielectric must be in the same plane as the face of the crimp sleeve. Cut the dielectric flush to crimp sleeve if it exceeds. Clean the dielectric side.
 Mount insulator against crimp sleeve.


4

Slide the center contact onto the cable inner conductor against insulator.
 Crimp the center contact with the crimping tool and the positioner.


5

Screw sub-assembly into the connector body.
 (recommended coupling see the connector TDS)
 Slide sleeve heatshrink over ferrule and put in the place as below

