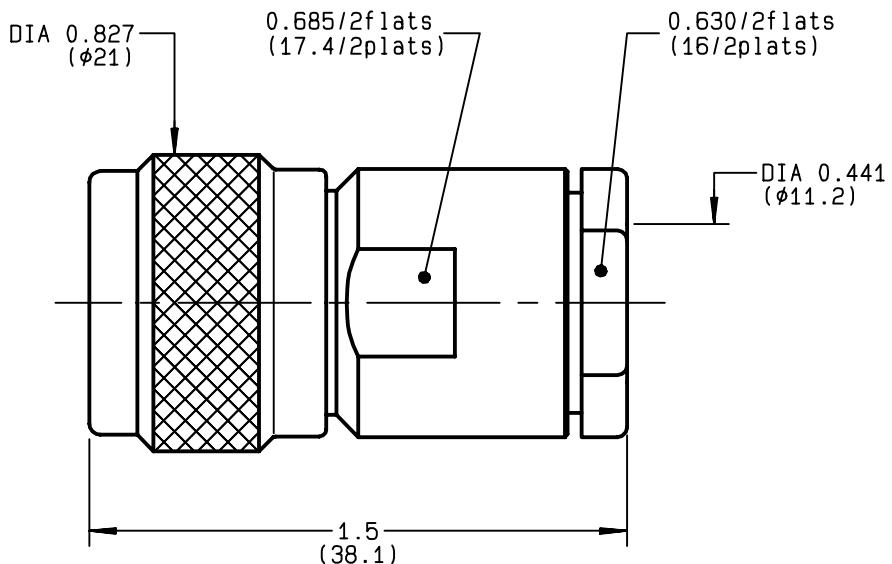
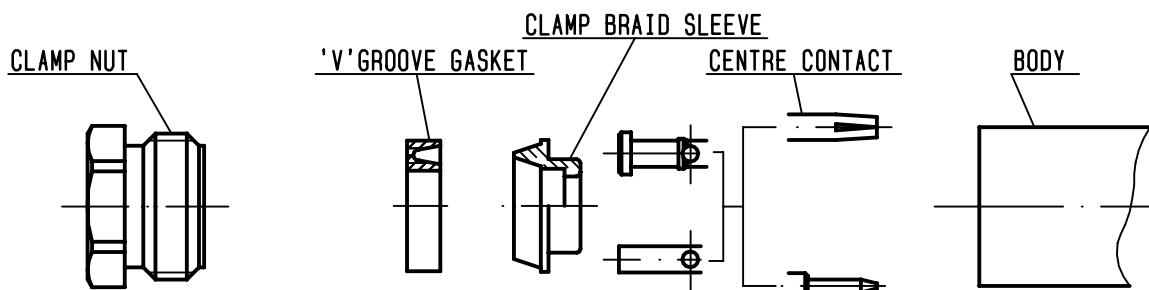


STRAIGHT PLUG CLAMP TYPE
CABLE 10+11/50+75 S+D
R161.020.000
SERIES
N


| | | | |
|---------------------------------|-----------------|--------------------------------|--------------------------------------|
| NOMINAL IMPEDANCE | 50 | Ω | CABLES : KX 4 |
| FREQUENCY RANGE | 0-11 | GHz | KX 8 |
| TEMPERATURE RATING | -55/+155 | °C | RG 11 |
| V.S.W.R | 1.30* | + x F(GHz) Maxi | RG 144 |
| RF INSERTION LOSS | 0.048 | $\sqrt{F}(\text{GHz})$ dB Maxi | RG 165 |
| VOLTAGE RATING | 1400 | Veff Maxi | RG 213 |
| DIELECTRIC WITHSTANDING VOLTAGE | 2500 | Veff Mini | RG 214 |
| INSULATION RESISTANCE | 5000 | MΩ Mini | RG 216 |
| HERMETIC SEAL | NA | Atm.cm ³ /s | RG 225 |
| LEAKAGE (pressurized only) | NA | | RG 393 |
| MECHANICAL DURABILITY | 500 | Cycles | OTHERS CHARACTERISTICS |
| WEIGHT | 49.7 | gr | * ROS = 1.7 pour un cable de 75 ohms |
| SPECIFICATION | 4051348 | | CABLE RETENTION 300 N Mini |
| | DHS 795 308 00 | | CENTER CONTACT RETENTION |
| | LEA 03C0CN6-203 | | Axial force - mating end NA N Mini |
| | | | Axial force - opposite end NA N Mini |
| | | | Torque NA cm.N Mini |
| | | | RECOMMENDED TORQUES |
| | | | Mating 130 cm.N |
| | | | Panel nut NA cm.N |
| | | | Clamp nut 800 cm.N |

| CONNECTOR PARTS | MATERIALS | FINISH | (all values are given in micrometers) |
|-----------------|-----------------|------------------------|---|
| BODY | BRASS | BBR 2 | |
| OUTER CONTACT | BRASS | BBR 2 | |
| CENTER CONTACT | BRASS | GOLD 0.5 OVER NICKEL 2 | |
| INSULATOR | PTFE | - | |
| GASKET | SILICONE RUBBER | - | |
| OTHERS PIECES | BRASS | BBR 2 | |


RADIALL®



①

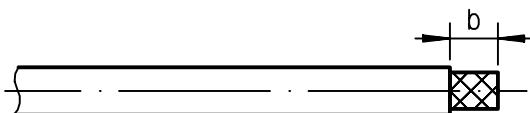
Strip the cable .

-

-

-

-



| Stripping | a | b | c | d | e |
|-----------|-------|-------|---|---|-------|
| inch | 0.197 | 0.335 | 0 | 0 | 0.059 |
| mm | 5 | 8.5 | | | 1.5 |

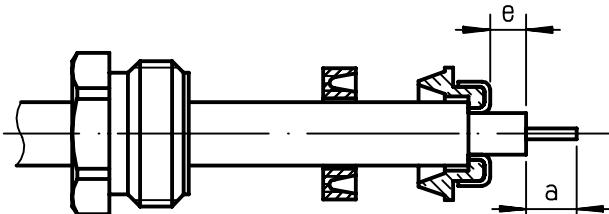
②

Slide the clamp nut and the 'V' groove gasket onto the cable .

Slide clamp braid sleeve over braid .

Fold back braid and trim off surplus braid .

Trim back dielectric as shown .



③

Solder the cable inner conductor into centre contact .

-

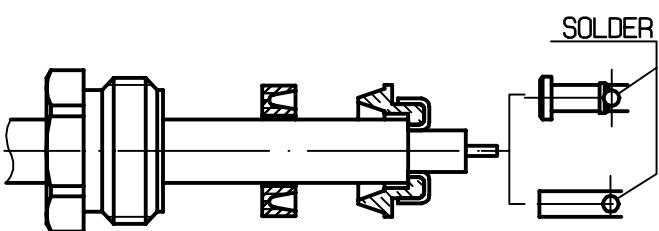
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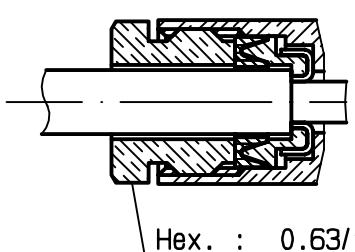
④

Screw sub-assembly into the connector body .

(recommended coupling torque 70.87 in.lb)

-

-



Hex. : 0.63/flat

Mouser Electronics

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