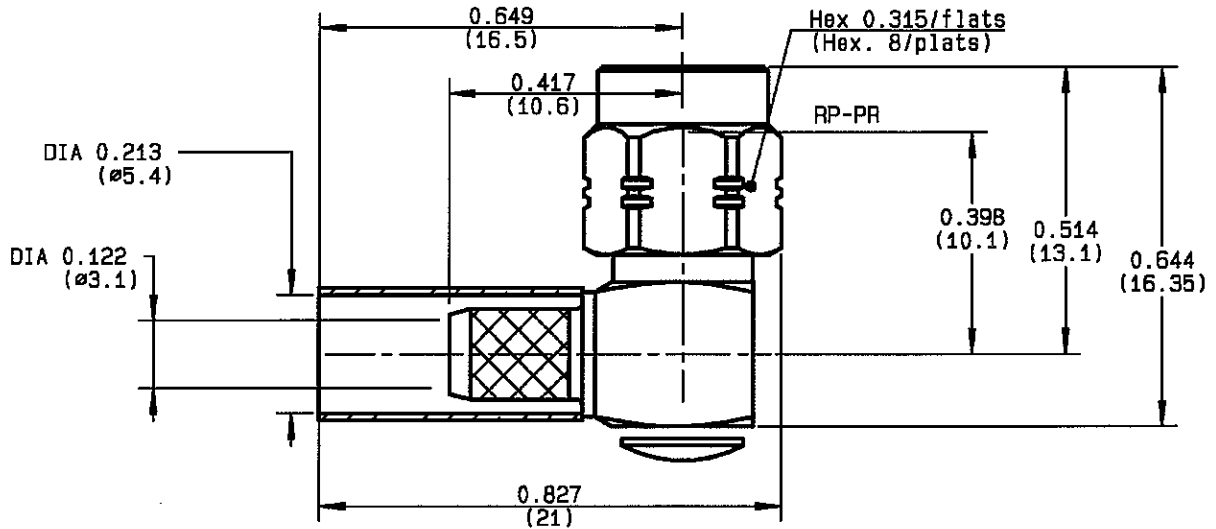


**RIGHT ANGLE PLUG CRIMP TYPE
CABLE 5/50 S**

**R124.175.120
SERIES SMA-COM**



| | | | |
|---------------------------------|----------------------------------|----------------------------|---------------------|
| NOMINAL IMPEDANCE | 50 Ω | CABLES : | KX 15 |
| FREQUENCY RANGE | 0-12.4 GHz | | RG 141 |
| TEMPERATURE RATING | -65/+165 °C | | RG 58 |
| V.S.W.R | 1.15 + .02 x F(GHz)Max1 | | |
| RF INSERTION LOSS | 0.05 √F(GHz) dB Max1 | | |
| VOLTAGE RATING | 335 Veff Max1 | | |
| DIELECTRIC WITHSTANDING VOLTAGE | 1000 Veff Mini | | |
| INSULATION RESISTANCE | 5000 MΩMini | OTHERS CHARACTERISTICS | |
| HERMETIC SEAL | NA Atm.cm ³ /s | CABLE RETENTION | 180 N Mini |
| LEAKAGE (pressurized only) | NA | CENTER CONTACT RETENTION | |
| MECHANICAL DURABILITY | 100 Cycles | Axial force - mating end | 27 N Mini |
| WEIGHT | 5.5 gr | Axial force - opposite end | 27 N Mini |
| SPECIFICATION | | Torque | NA cm.N Mini |
| | | RECOMMENDED TORQUES | |
| | | Mating | 60 cm.N |
| | | Panel nut | NA cm.N |
| | | Clamp nut | NA cm.N |

| CONNECTOR PARTS: | MATERIALS | FINISH | (all values are given in micrometers) |
|------------------|-----------|--------------------------|---------------------------------------|
| BODY | BRASS | BBR 2 | |
| OUTER CONTACT | | | |
| CENTER CONTACT | BRASS | GOLD 1.3 OVER COPPER 2.5 | |
| INSULATOR | PTFE | - | |
| GASKET | | - | |
| OTHERS PIECES | BRASS | BBR 2 | |

ISSUE
0708E

CREATION DATE
30/06/1993

FILE PART-NUMBER
EPC 97-03



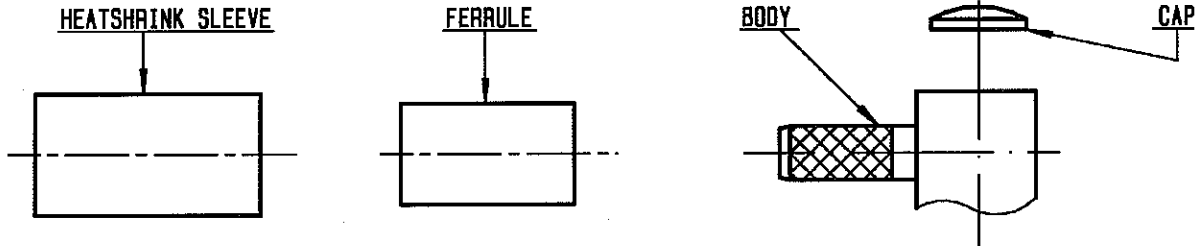
TRIQUES

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

Connect to the future

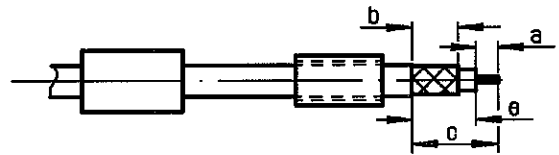


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①

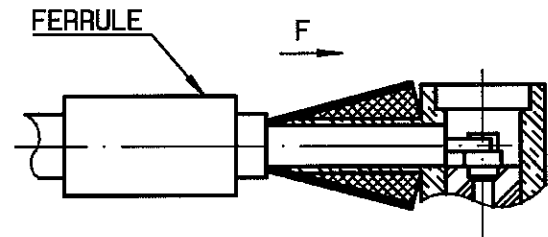
Slide heatshrink sleeve (R280.637.030 - Option) and the ferrule onto cable .
 Strip the cable .
 -
 -



| Stripping | a | b | c | d | e |
|-----------|-------|-------|-------|---|-------|
| inch | 0.079 | 0.256 | 0.472 | 0 | 0.394 |
| mm | 2 | 6.5 | 12 | | 10 |

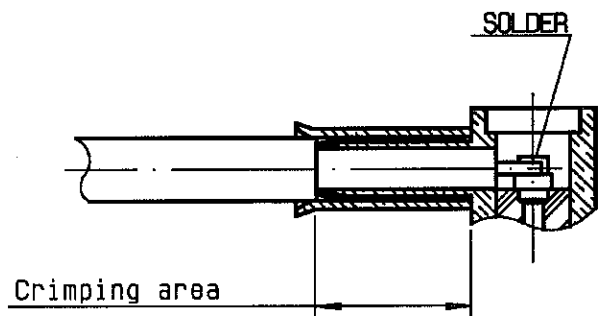
②

Fan the braid .
 Push connector body under the braid .
 Slide ferrule over braid
 (in direction F)
 -
 -



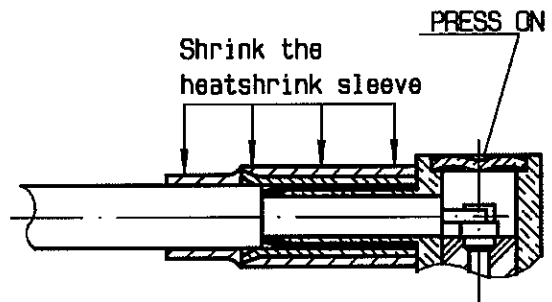
③

Crimp the ferrule with crimping tool R282 223 000 (Hex. : 0.212) or crimping tool R 282 293 000 (M22520/5-01) + dies R 282 235 011 (M22520/5-11)
 Solder inner conductor .



④

Place the cap into body.
 Press cap flush or slightly below surface of body assembly .
 Slide sleeve over ferrule and heatshrink in place (Option) .
 -
 -
 -



TRIQUES