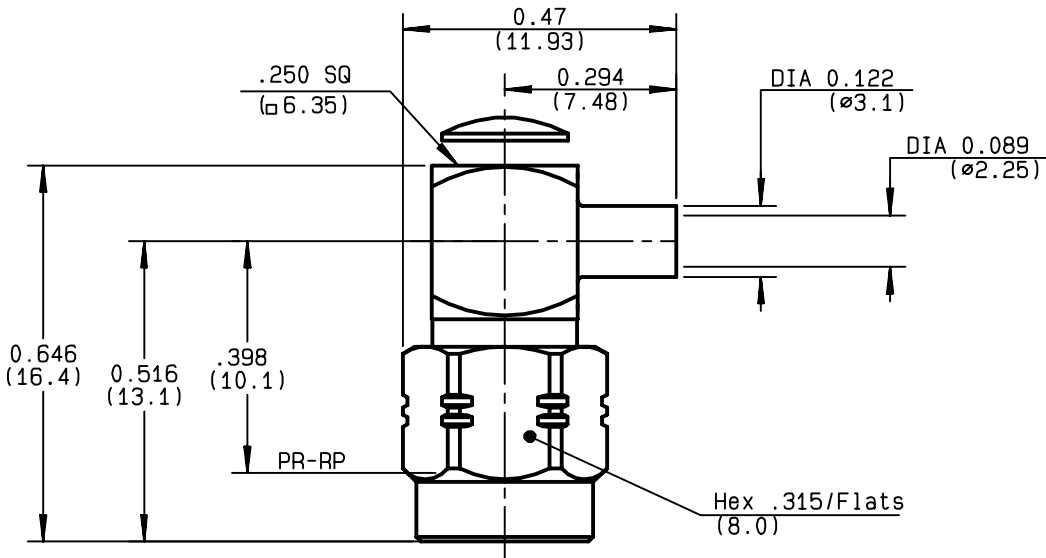


**RIGHT ANGLE PLUG SOLDER TYPE
CABLE .085**

R124.153.003
SERIES SMA-COM



| | |
|---------------------------------|---------------------------------------|
| NOMINAL IMPEDANCE | 50 Ω |
| FREQUENCY RANGE | 0-12.4 GHz |
| TEMPERATURE RATING | -65/+105 °C |
| V.S.W.R | 1.10 + .01 x F(GHz)Maxi |
| RF INSERTION LOSS | 0.05 √F(GHz) dB Maxi |
| VOLTAGE RATING | 335 Veff Maxi |
| DIELECTRIC WITHSTANDING VOLTAGE | 750 Veff Mini |
| INSULATION RESISTANCE | 5000 MΩMini |
| HERMETIC SEAL | NA Atm.cm ³ /s |
| LEAKAGE (pressurized only) | NA |
| MECHANICAL DURABILITY | 100 Cycles |
| WEIGHT | 4.05 gr |
| SPECIFICATION | |

CABLES : **KS 1**
RG 405

OTHERS CHARACTERISTICS

| | |
|----------------------------|---------------------|
| CABLE RETENTION | 130 N Mini |
| CENTER CONTACT RETENTION | |
| Axial force - mating end | 27 N Mini |
| Axial force - opposite end | 27 N Mini |
| 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 |
|-----------------|-----------------|--------------------------|
| BODY | BRASS | GOLD 0.2 OVER NICKEL 2 |
| OUTER CONTACT | | |
| CENTER CONTACT | BRASS | GOLD 1.3 OVER COPPER 2.5 |
| INSULATOR | PTFE | - |
| GASKET | SILICONE RUBBER | - |
| OTHERS PIECES | BRASS | GOLD 0.2 OVER NICKEL 2 |

(all values are given in micrometers)

| | | |
|----------------|-------------------|--------------------|
| ISSUE | CREATION DATE | FILE PART-NUMBER |
| 9847A00 | 17/06/1996 | 96-1200-072 |



RADIALL®

TRIQUES

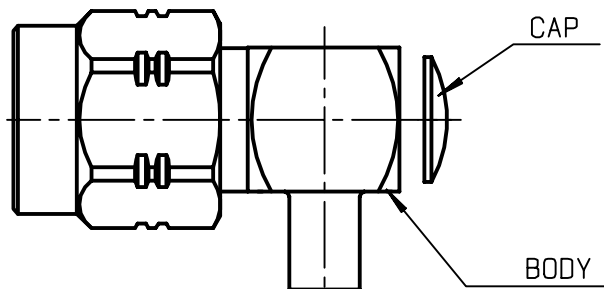
The information given here is subject to change without notice.
Design changes may be in order to improve the product .

Connect to the future



R124.153.003

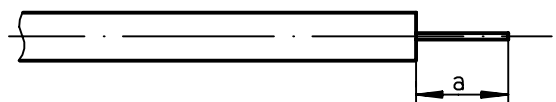
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We recommend a cable thermal preconditionning before assembly.

①

Strip the cable .
Stripping tool R 282.051.000
Positioner R 282.063.000



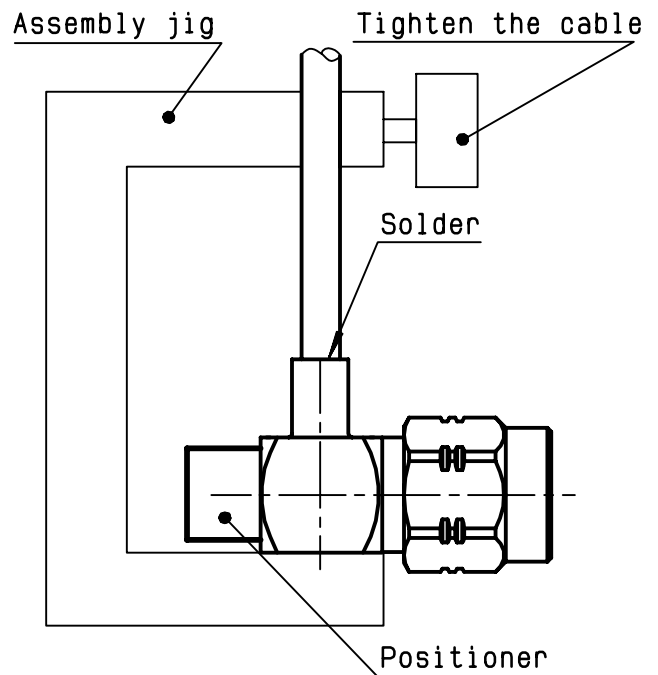
| Stripping | a | b | c | d | e |
|-----------|---------|---|---|---|---|
| inch | 0.125 0 | 0 | 0 | 0 | 0 |
| mm | 3.17 | | | | |

②

2-1 Introduce the cable into the connector body until it stops. Place the sub assembly into the assembly jig R 282.740.000 (or equivalent) with positioner R 282.744.201 and tighten it.

2-2 Solder the body onto the cable.

2-3 Let the assembly cool down before removing it from the jig .



③

3-1 Solder inner conductor.
3-2 Put the cap in its place.
3-3 Press cap flush or slightly below surface of body assembly.

