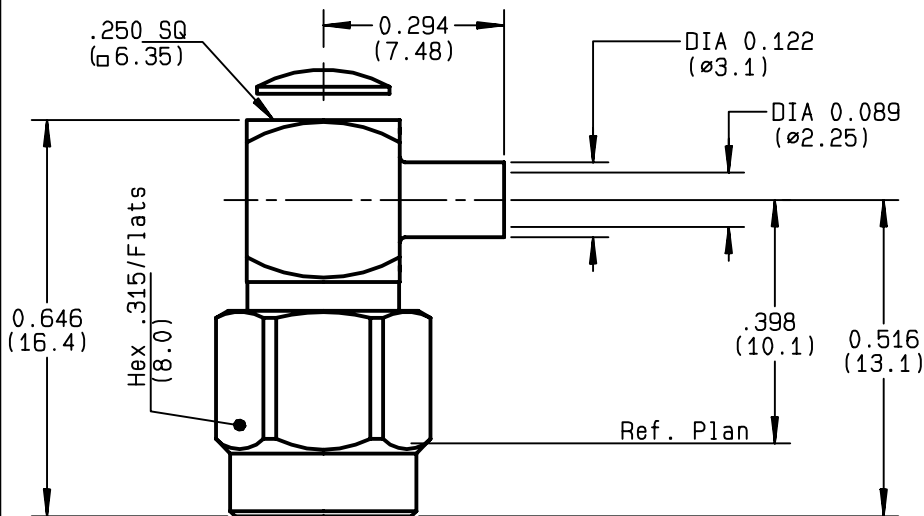


RIGHT ANGLE PLUG SOLDER TYPE
CABLE .085
R125.153.002
SERIES SMA

CECC 22111-803-04
QUALITE H 50 Ω


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 $\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	335 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	750 Veff Mini
INSULATION RESISTANCE	5000 M Ω Mini
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	500 Cycles
WEIGHT	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	2.8 cm.N Mini
RECOMMENDED TORQUES	
Mating	100 cm.N
Panel nut	NA cm.N
Clamp nut	NA cm.N

CONNECTOR PARTS: MATERIALS

BODY	STAINLESS STEEL
OUTER CONTACT	
CENTER CONTACT	BRASS
INSULATOR	PTFE
GASKET	SILICONE RUBBER
OTHERS PIECES	STAINLESS STEEL

FINISH (all values are given in micrometers)

GOLD 0.5 OVER NICKEL 2
GOLD 1.3 OVER NICKEL 2
-
-
PASSIVATED .

BAFFERT JM

ISSUE
9901E00

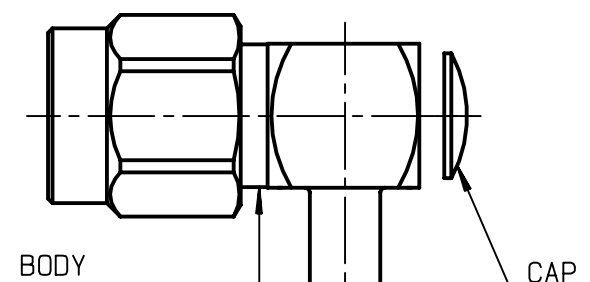
CREATION DATE
10/12/1990

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

**R125.153.002**ISSUE **9901E00** SERIES**SMA**

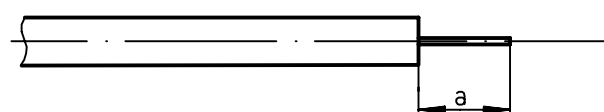
We recommend a cable thermal preconditioning before assembly.

①

Strip the cable .

Stripping tool R 282 051

Positioner R 282 063



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

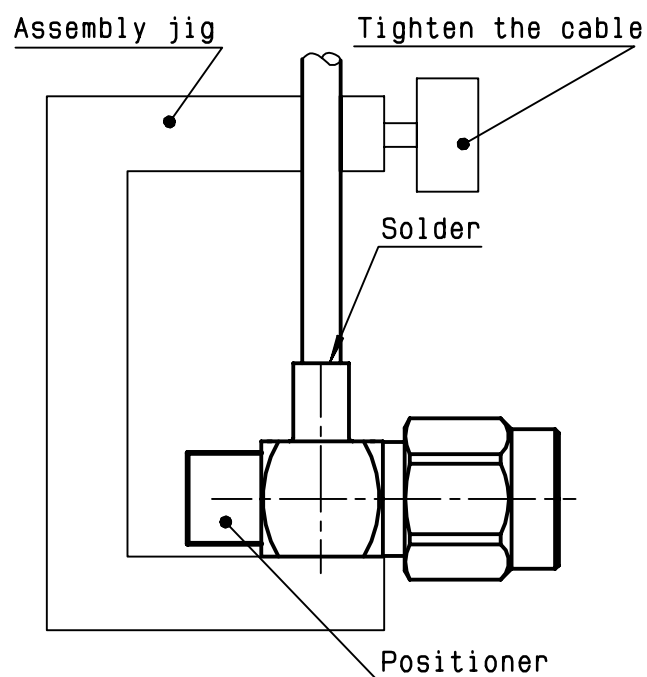
②

2-1 Introduce the cable into the connector body until it stops.

Place the sub assembly into the assembly jig R 282 740 (or equivalent) with positioner 730 40 025 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.

