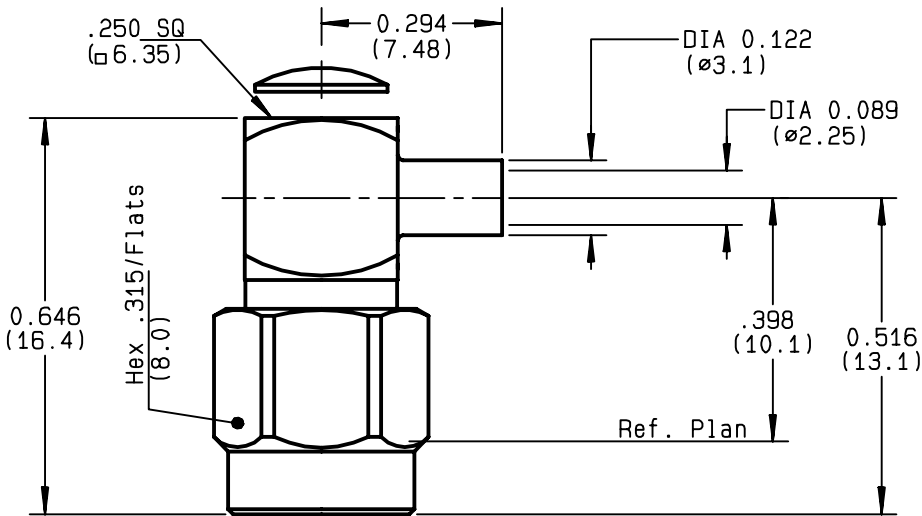


**RIGHT ANGLE PLUG SOLDER TYPE
CABLE .085**

R125.153.002
SERIES SMA



CECC 22111-803-04
QUALITE H 50 Ω



NOMINAL IMPEDANCE	50 Ω	CABLES : KS 1 RG 405
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	500 Cycles	OTHERS CHARACTERISTICS
WEIGHT	gr	CABLE RETENTION 130 N Mini
SPECIFICATION		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	FINISH (all values are given in micrometers)
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2
OUTER CONTACT		
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
INSULATOR	PTFE	-
GASKET	SILICONE RUBBER	-
OTHERS PIECES	STAINLESS STEEL	PASSIVATED .

ISSUE	CREATION DATE	FILE PART-NUMBER	RADIALL ®
9901E00	10/12/1990		

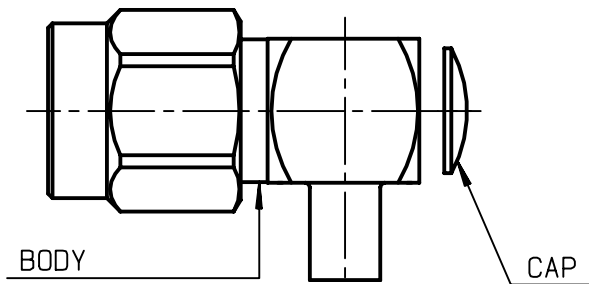
BAFFERT JM

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



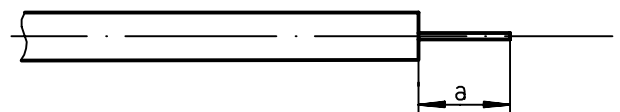
We recommend a cable thermal preconditioning before assembly.

①

Strip the cable .

Stripping tool R 282 051

Positioner R 282 063



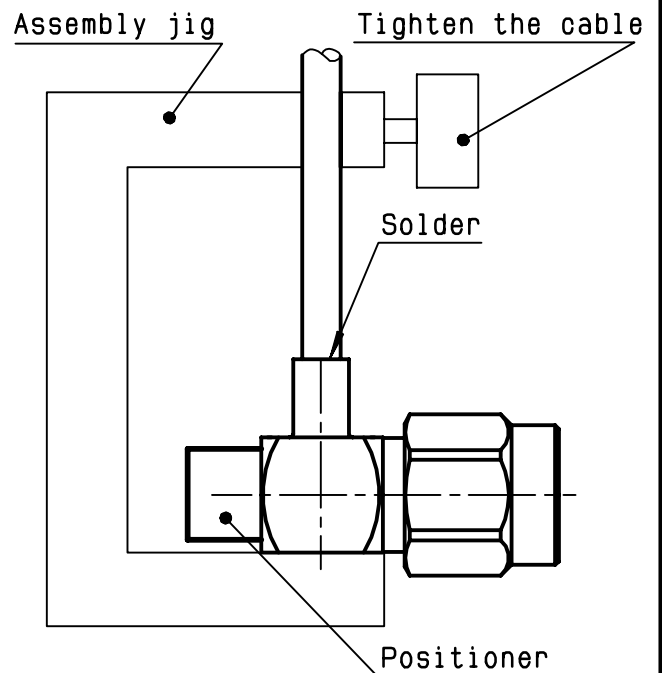
Stripping	a	b	c	d	e
inch	0.125	0	0	0	0
mm	3.17				

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.

