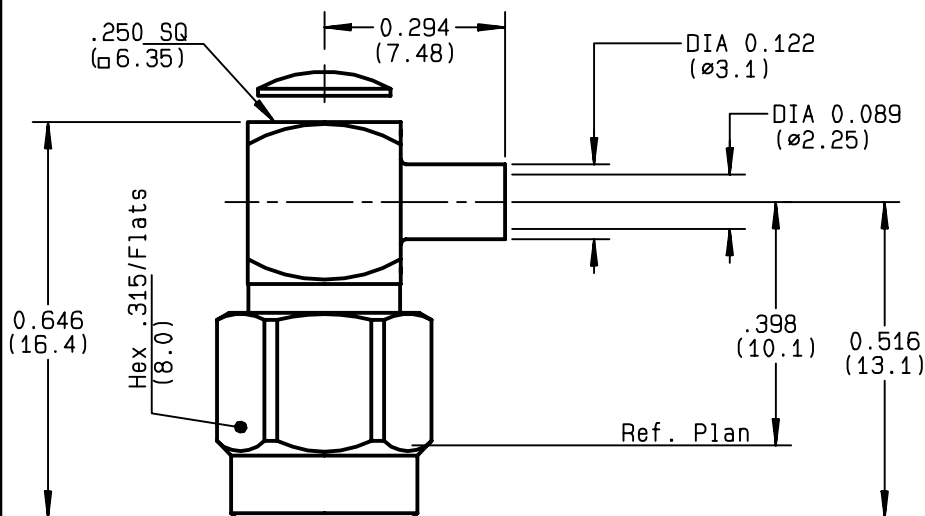


**RIGHT ANGLE PLUG SOLDER TYPE**  
**CABLE .085**
**R125.153.002**  
**SERIES SMA**

CECC 22111-803-04  
**QUALITE H 50 Ω**


NOMINAL IMPEDANCE	<b>50</b> Ω
FREQUENCY RANGE	<b>0-12.4</b> GHz
TEMPERATURE RATING	<b>-65/+105</b> °C
V.S.W.R	<b>1.10</b> + <b>.01</b> x F(GHz)Maxi
RF INSERTION LOSS	<b>0.05</b> √F(GHz) dB Maxi
VOLTAGE RATING	<b>335</b> Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	<b>750</b> Veff Mini
INSULATION RESISTANCE	<b>5000</b> MΩMini
HERMETIC SEAL	<b>NA</b> Atm.cm <sup>3</sup> /s
LEAKAGE (pressurized only)	<b>NA</b>
MECHANICAL DURABILITY	<b>500</b> Cycles
WEIGHT	gr
SPECIFICATION	

CABLES : **KS 1**  
**RG 405**

## OTHERS CHARACTERISTICS

CABLE RETENTION	<b>130</b> N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	<b>27</b> N Mini
Axial force - opposite end	<b>27</b> N Mini
Torque	<b>2.8</b> cm.N Mini
RECOMMENDED TORQUES	
Mating	<b>100</b> cm.N
Panel nut	<b>NA</b> cm.N
Clamp nut	<b>NA</b> 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**

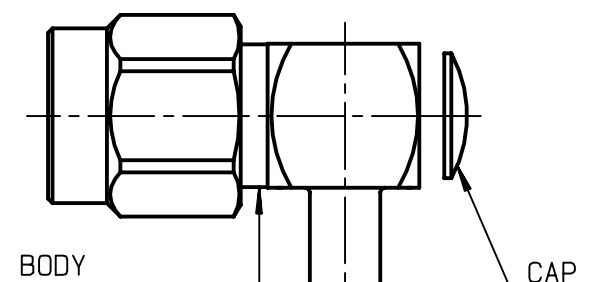
CREATION DATE  
**10/12/1990**

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**

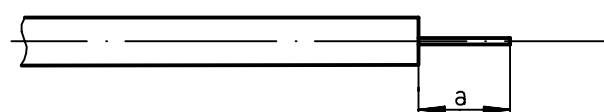
We recommend a cable thermal preconditioning before assembly.

**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				

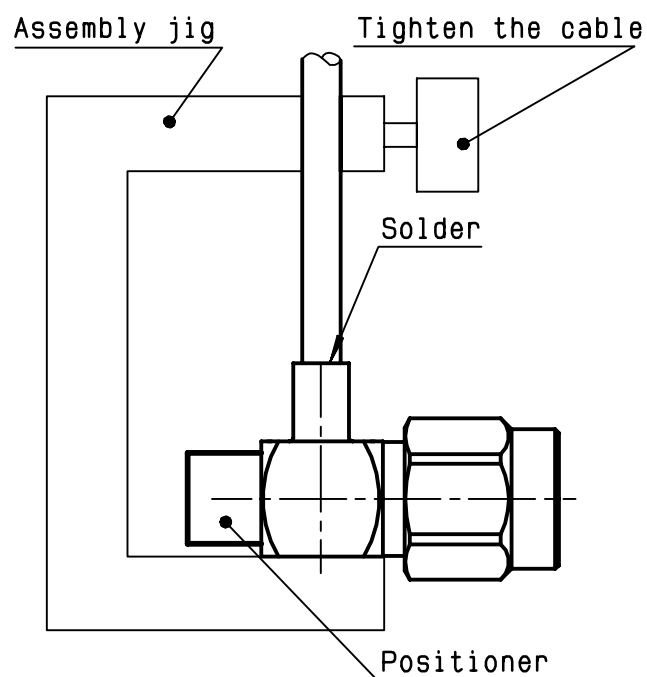
**②**

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.

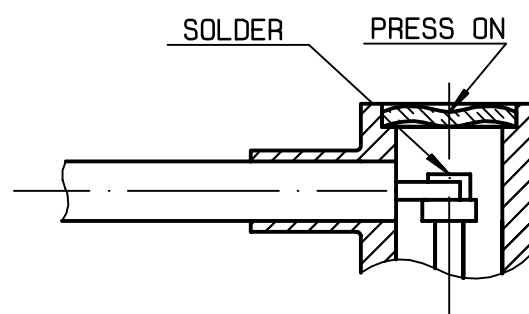
2-3 Let the assembly cool down before removing it from the jig .

**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.



# Mouser Electronics

Authorized Distributor

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