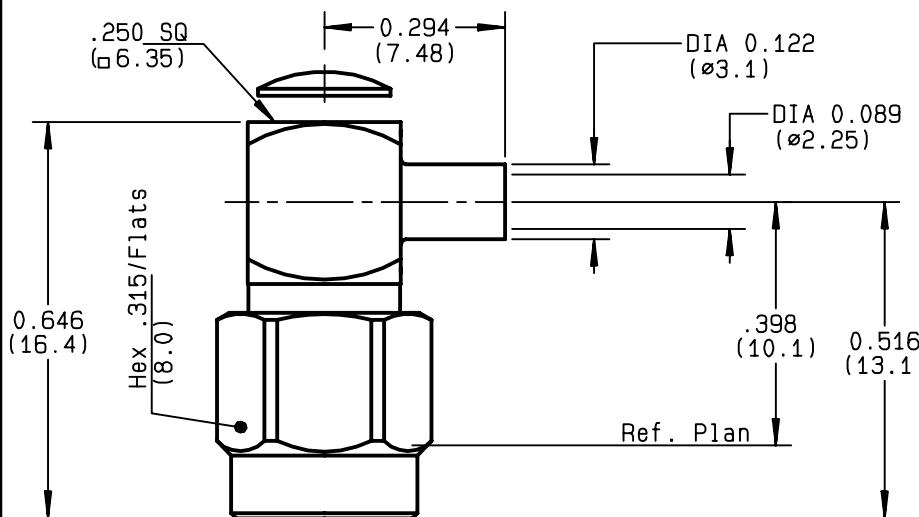


**RIGHT ANGLE PLUG SOLDER TYPE  
CABLE .085**
**R125.153.002  
SERIES SMA**

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

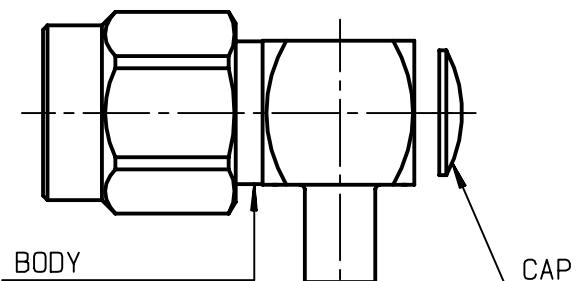

NOMINAL IMPEDANCE	<b>50</b> Ω	CABLES : <b>KS 1</b>
FREQUENCY RANGE	<b>0-12.4</b> GHz	<b>RG 405</b>
TEMPERATURE RATING	<b>-65/+105</b> °C	
V.S.W.R	<b>1.10</b> + .01 x F(GHz) Maxi	
RF INSERTION LOSS	<b>0.05</b> √F(GHz) dB Maxi	
VOLTAGE RATING	<b>335</b> Veff Maxi	
DIELECTRIC WITHSTANDING VOLTAGE	<b>750</b> Veff Mini	
INSULATION RESISTANCE	<b>5000</b> MΩ Mini	OTHERS CHARACTERISTICS
HERMETIC SEAL	<b>NA</b> Atm.cm <sup>3</sup> /s	CABLE RETENTION <b>130</b> N Mini
LEAKAGE (pressurized only)	<b>NA</b>	CENTER CONTACT RETENTION
MECHANICAL DURABILITY	<b>500</b> Cycles	Axial force - mating end <b>27</b> N Mini
WEIGHT	gr	Axial force - opposite end <b>27</b> N Mini
SPECIFICATION		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	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	 <b>RADIALL</b> ®
<b>9901E00</b>	<b>10/12/1990</b>		

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

Connect to the future



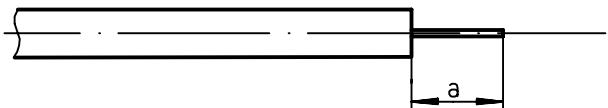
We recommend a cable thermal preconditioning before assembly.

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

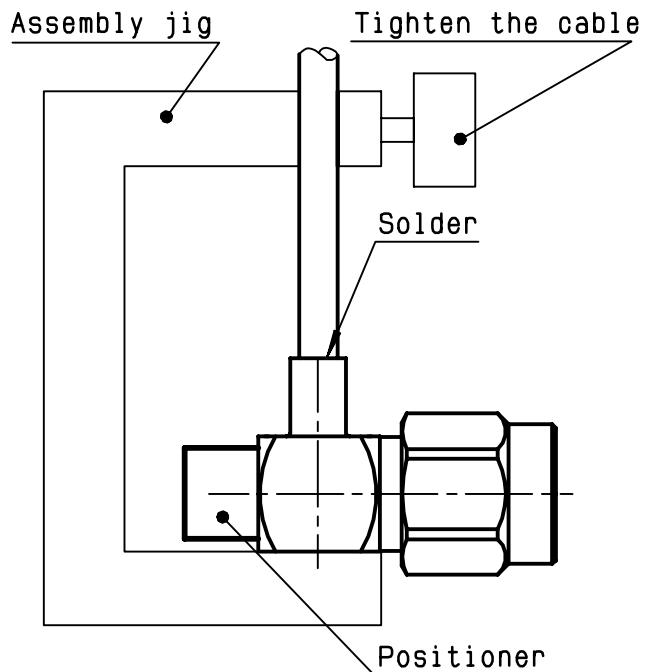
(or equivalent) with positioner

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 .

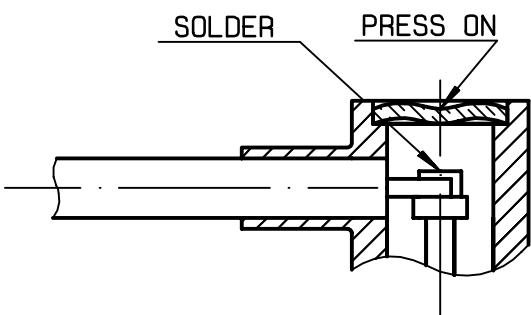


③

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

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