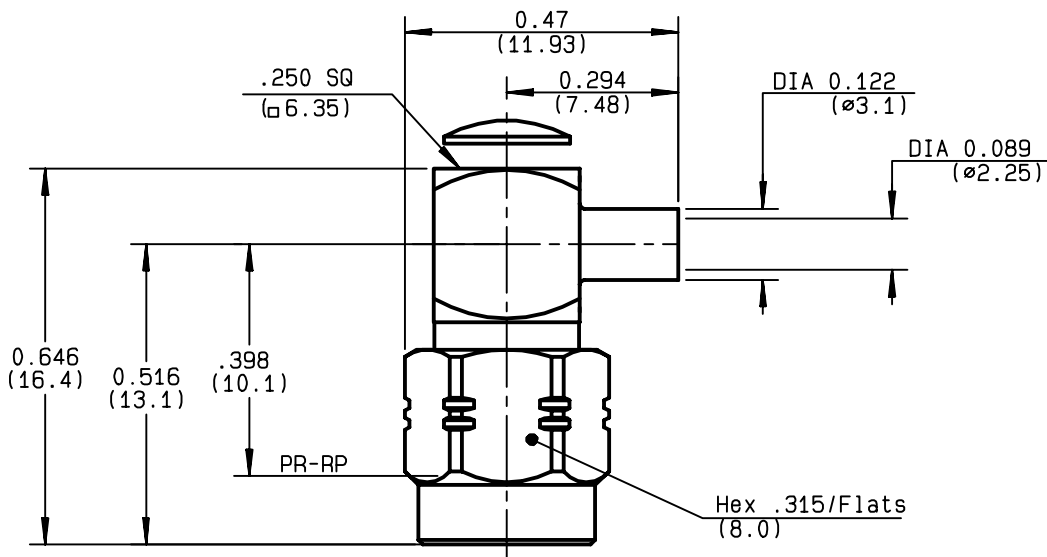


RIGHT ANGLE PLUG SOLDER TYPE
CABLE .085
R124.153.003
SERIES SMA-COM


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-12.4	GHz
TEMPERATURE RATING	-65/+105	$^{\circ}\text{C}$
V.S.W.R	1.10 + .01 x F(GHz)Maxi	
RF INSERTION LOSS	0.05 $\sqrt{F(\text{GHz})}$ 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	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

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

FINISH (all values are given in micrometers)

GOLD 0.2 OVER NICKEL 2
GOLD 1.3 OVER COPPER 2.5
-
-
GOLD 0.2 OVER NICKEL 2

TRIQUES

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


RADIALL®

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

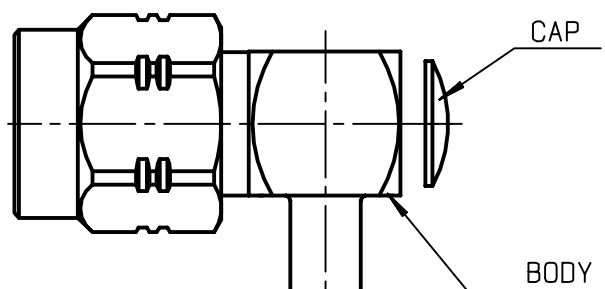
Connect to the future

**R124.153.003**

ISSUE 9847A00

SERIES

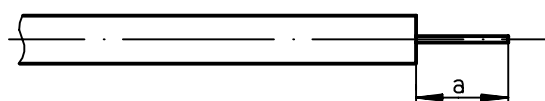
SMA-COM



We recommend a cable thermal preconditionning before assembly.

①

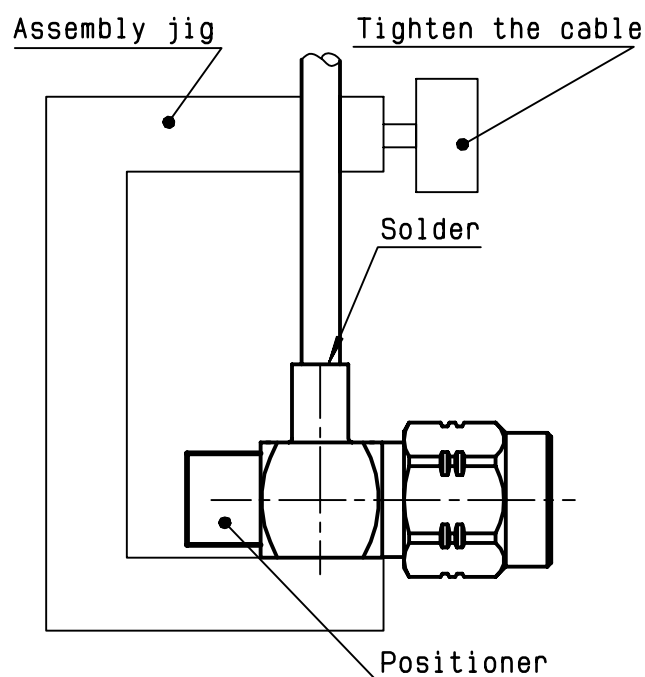
Strip the cable .
Stripping tool R 282.051.000
Positioner R 282.063.000



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

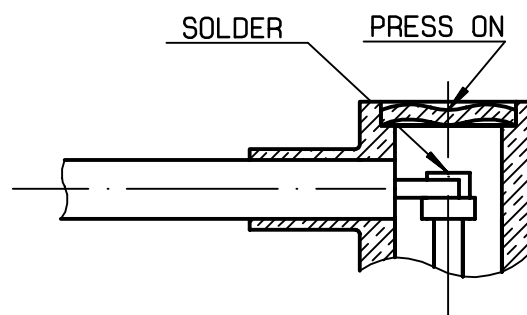
②

- 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.



Mouser Electronics

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Radial:

R124153003