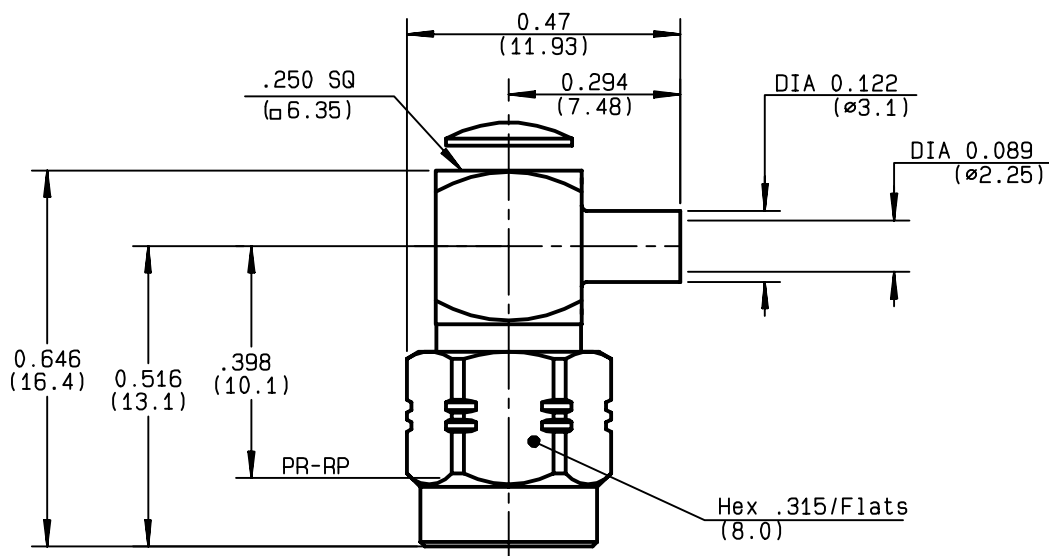


RIGHT ANGLE PLUG SOLDER TYPE
CABLE .085
R124.153.001
SERIES SMA-COM


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 $\sqrt{F}$ (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	FINISH	(all values are given) in micrometers
BODY	BRASS	BBR 2	
OUTER CONTACT			
CENTER CONTACT	BRASS	GOLD 1.3 OVER COPPER 2.5	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	BBR 2	

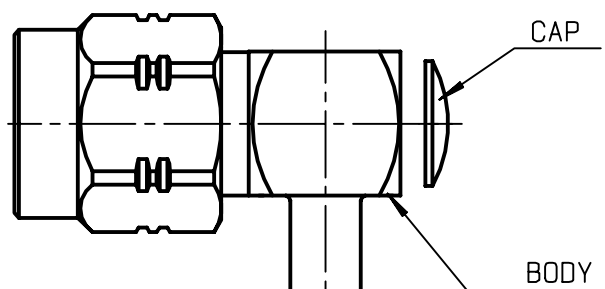
TRIQUES

ISSUE	CREATION DATE	FILE PART-NUMBER
9847A00	18/07/1996	96-1200-074


RADIALL®

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

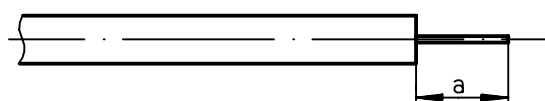
Connect to the future

**R124.153.001**ISSUE **9847A00** SERIES**SMA-COM**

We recommend a cable thermal preconditionning before assembly.

①

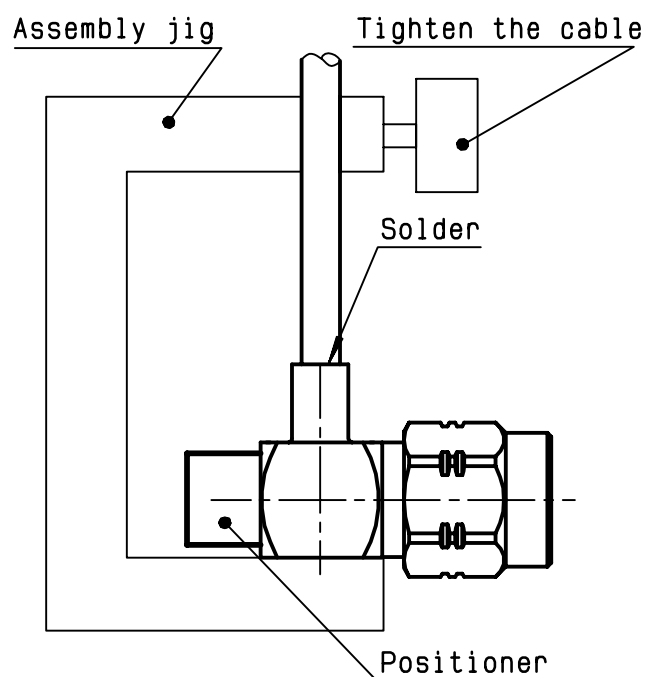
Strip the cable .
Stripping tool R 282.051.000
Positioner R 282.063.000



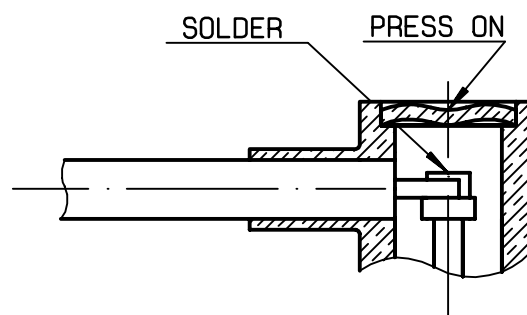
Stripping	a	b	c	d	e
inch	0.125	0	0	0	0
mm	3.17				

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:

[R124153001](#) [R124153001W](#)