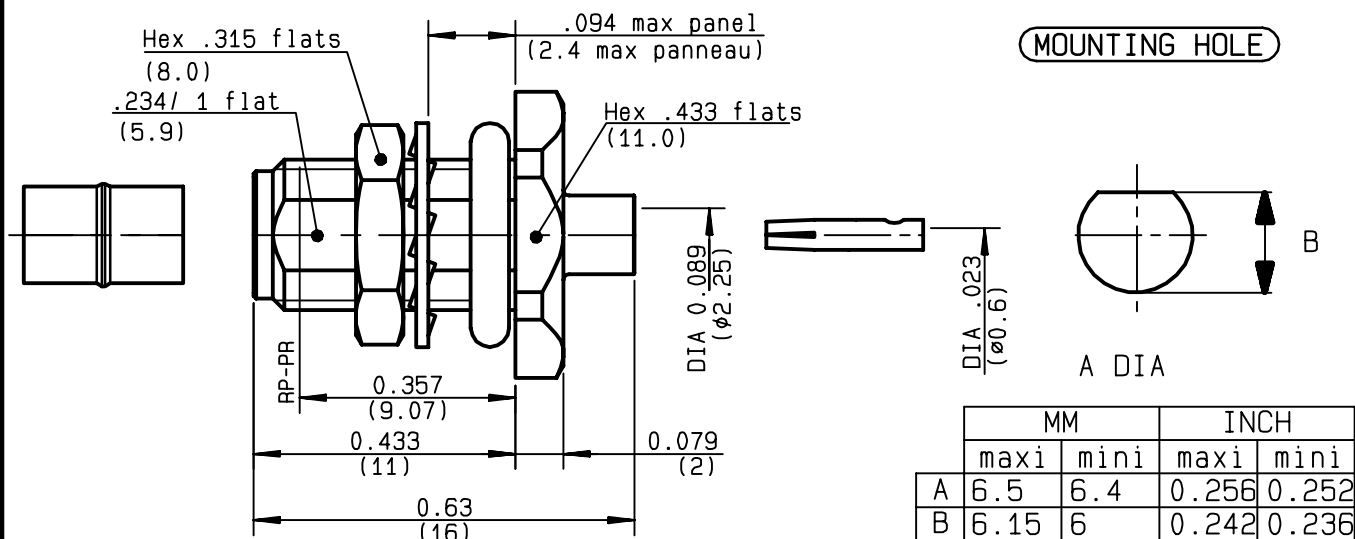


**STRAIGHT BULKHEAD JACK PANEL SEAL**  
**SOLDER TYPE - CABLE .085**
**R124.326.003**  
**SERIES SMA-COM**


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-18	GHz
TEMPERATURE RATING	-65/+105	°C
V.S.W.R	1.07 + .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 <sup>3</sup> /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	100	Cycles
WEIGHT	3.45	gr
SPECIFICATION		

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

## OTHERS CHARACTERISTICS

CABLE RETENTION	130	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	NA	N Mini
Axial force - opposite end	NA	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	NA	cm.N
Panel nut	150	cm.N
Clamp nut	NA	cm.N

## CONNECTOR PARTS MATERIALS

BODY	BRASS
OUTER CONTACT	
CENTER CONTACT	BERYLLIUM COPPER
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

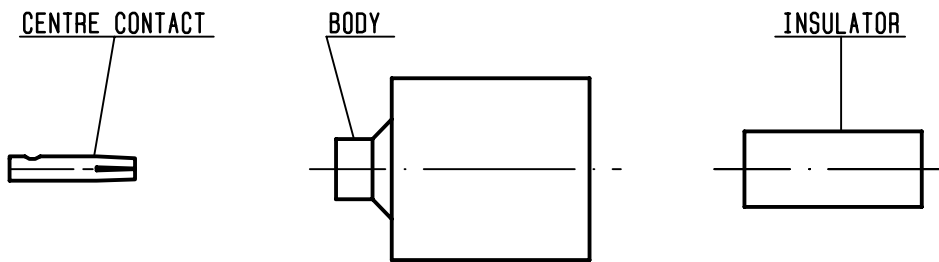
FANJAT 0.

ISSUE	CREATION DATE	FILE PART-NUMBER
9847C00	03/01/1996	95-0105-117

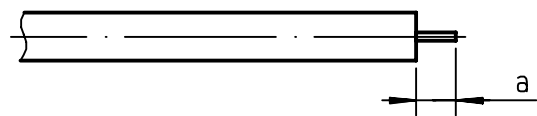

**RADIALL®**

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

*Connect to the future*

**R124.326.003**
 ISSUE **9847C00** SERIES  
**SMA-COM**
**①**

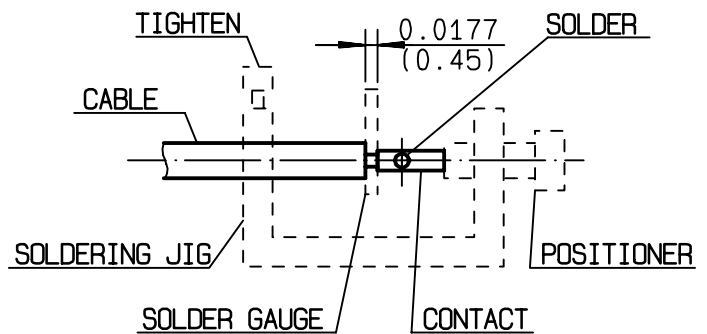
Take the tool kit : R282.120.000  
 Strip the dielectric of the cable .  
 Stripping tool cable : R282.051.000  
 Trimmer : R282.063.000  
 Clean the cable .  
 -



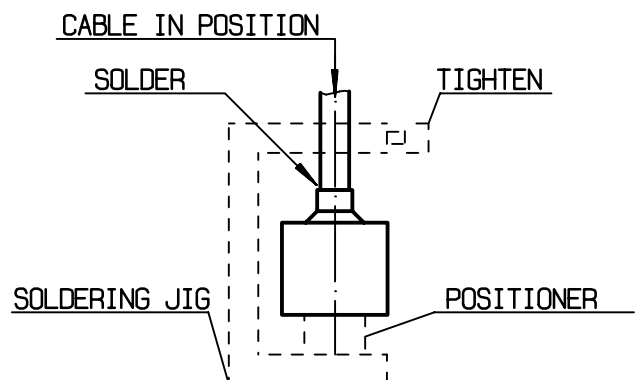
Stripping	a	b	c	d	e
inch	0.125	0	0	0	0
mm	3.17				

**②**

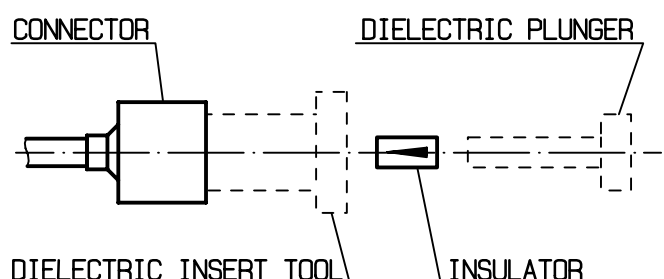
Screw the positioner R282.744.220 onto the soldering jig R282.740.000  
 Slide contact into positioner .  
 Insert solder gauge R282.862.060 between contact and cable .  
 Tighten and solder the contact .

**③**

After cooling remove cable assembly from the jig .  
 Screw positioner R282.744.010 into the connector .  
 Slide cable into the connector until it bottoms againsts positioner R282.744.010 .  
 Tighten .  
 Put 3 rings of solder around the cable and solder .

**④**

After cooling remove cable assembly from the jig .  
 Screw positioner cut R282.914.010  
 Cut the dielectric flush to clamp braid sleeve with tool R282.915.010.  
 Screw female dielectric insert tool onto connector and insert insulator with the dielectric plunger R282.730.043



# Mouser Electronics

Authorized Distributor

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