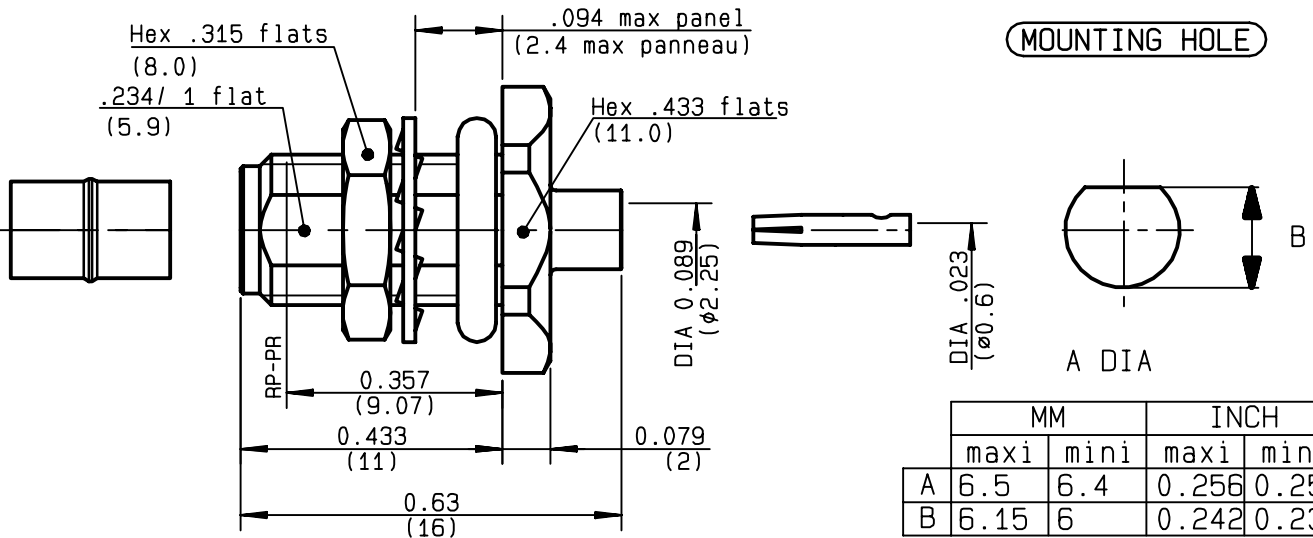


**STRAIGHT BULKHEAD JACK PANEL SEAL**  
**SOLDER TYPE - CABLE .085**

**R124.326.003**  
**SERIES SMA-COM**



NOMINAL IMPEDANCE	<b>50</b> Ω
FREQUENCY RANGE	<b>0-18</b> GHz
TEMPERATURE RATING	<b>-65/+105</b> °C
V.S.W.R	<b>1.07</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>100</b> Cycles
WEIGHT	<b>3.45</b> gr
SPECIFICATION	

CABLES : <b>KS 1</b> <b>RG 405</b>	
OTHERS CHARACTERISTICS	
CABLE RETENTION	<b>130</b> N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	<b>NA</b> N Mini
Axial force - opposite end	<b>NA</b> N Mini
Torque	<b>NA</b> cm.N Mini
RECOMMENDED TORQUES	
Mating	<b>NA</b> cm.N
Panel nut	<b>150</b> cm.N
Clamp nut	<b>NA</b> cm.N

CONNECTOR PARTS	MATERIALS	FINISH (all values are given in micrometers)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
OUTER CONTACT		
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER COPPER 2.5
INSULATOR	PTFE	-
GASKET	SILICONE RUBBER	-
OTHERS PIECES	BRASS	GOLD 0.2 OVER NICKEL 2

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



FANJAT 0.

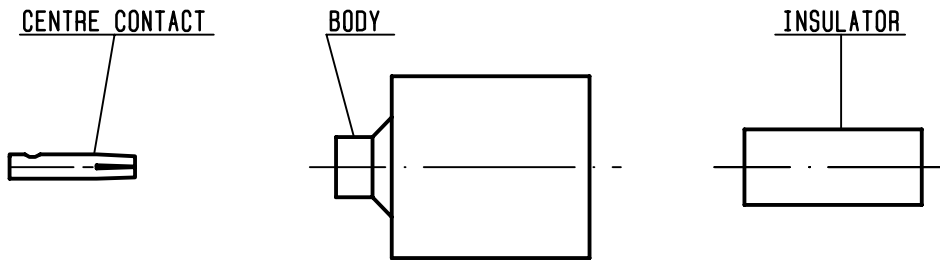
The information given here is subject to change without notice. Design changes may be in order to improve the product.

Connect to the future



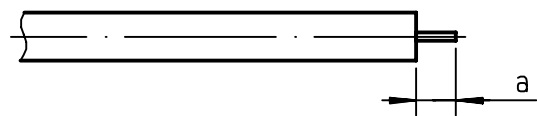
**R124.326.003**

ISSUE **9847C00** SERIES **SMA-COM**



①

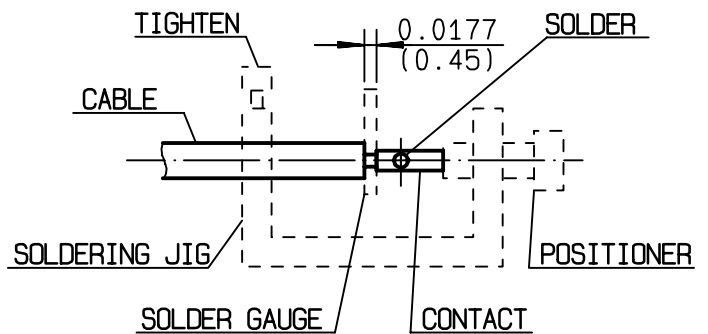
Take the tool kit : R282.120.000  
Strip the dielectric of the cable .  
Stripping tool cable : R282.051.000  
Trimmer : R282.063.000  
Clean the cable .  
-



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

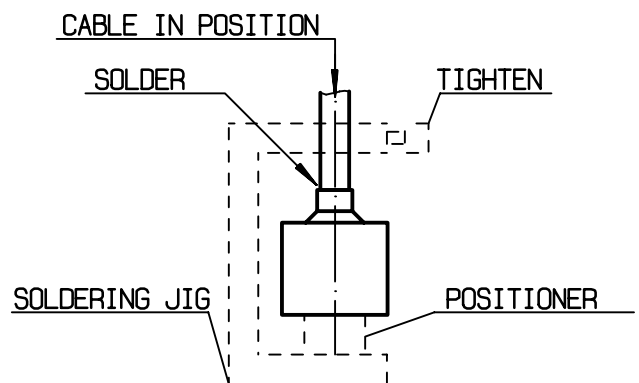
②

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 .



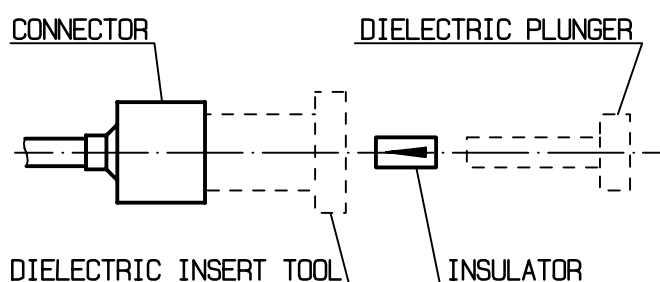
③

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



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