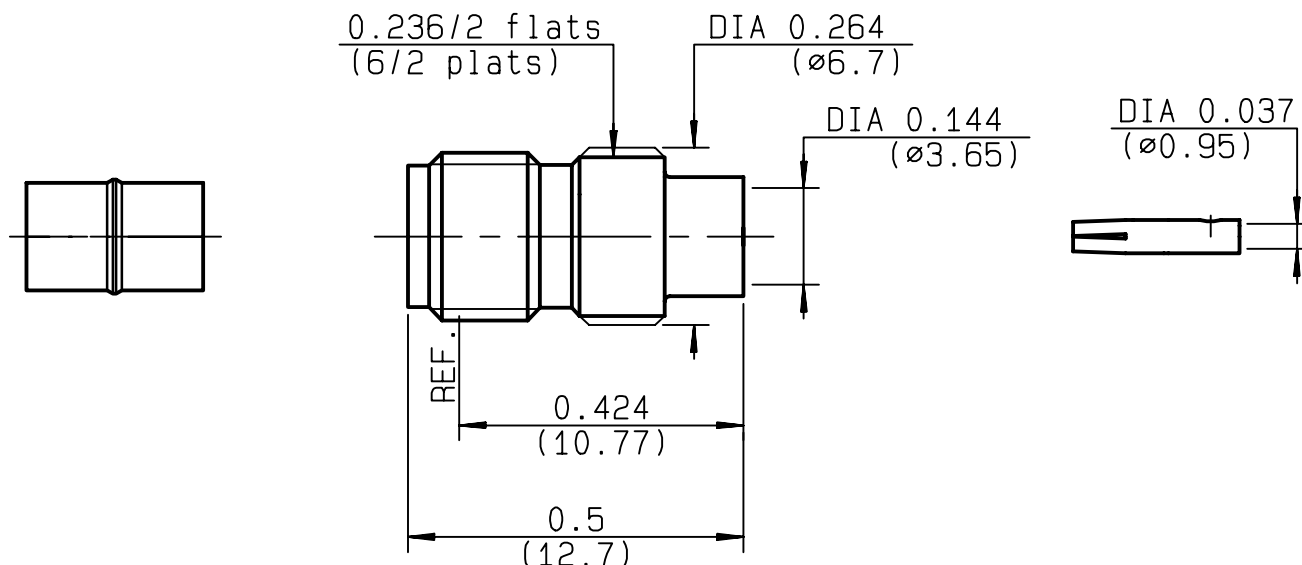


STRAIGHT JACK SOLDER TYPE
CABLE .141
R124.225.003
SERIES SMA-COM


NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-18 GHz
TEMPERATURE RATING	-65/+105 °C
V.S.W.R	1.05 + .01 x F(GHz)Maxi
RF INSERTION LOSS	0.05 $\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	500 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000 Veff Mini
INSULATION RESISTANCE	5000 M Ω Mini
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	100 Cycles
WEIGHT	1.6 gr
SPECIFICATION	

 CABLES : **KS 2**
RG 402

OTHERS CHARACTERISTICS

CABLE RETENTION	270 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	NA cm.N
Clamp nut	NA 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		-	
OTHERS PIECES			

TRIQUES

ISSUE	CREATION DATE	FILE PART-NUMBER
9847B00	18/07/1996	96-1200-088

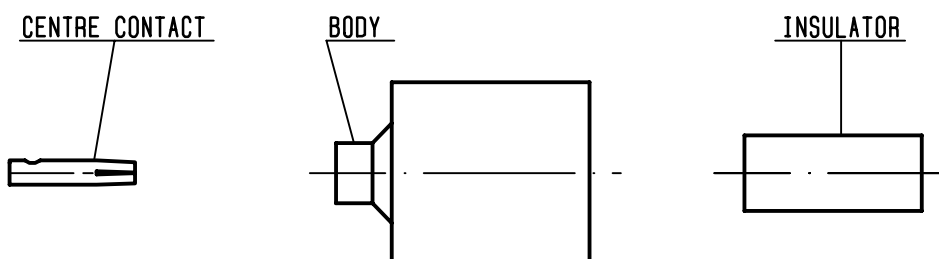

RADIALL®

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

Connect to the future

**R124.225.003**ISSUE **9847B00** SERIES

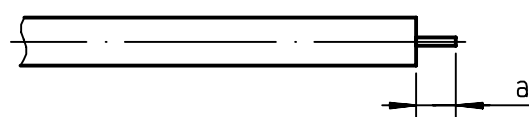
SMA-COM



We recommend a cable thermal preconditionning before assembling

①

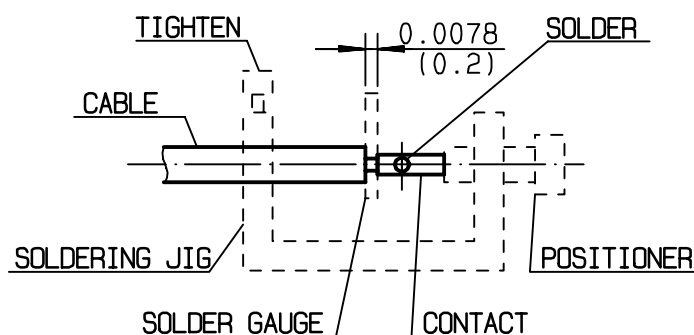
Strip the dielectric of the cable .
 Stripping tool cable : R282.053.000
 Trimmer : R282.067.000
 Clean the cable .
 -



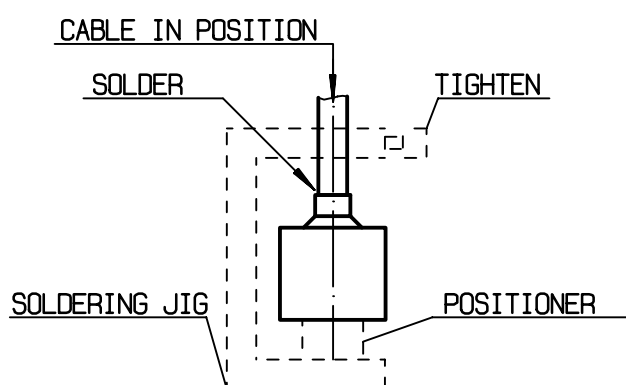
Stripping	a	b	c	d	e
inch	0.125	0	0	0	0
mm	3.17				

②

Screw the positioner R282.744.220 onto the soldering jig R282.740.000
 Slide contact into positioner .
 Insert solder gauge R282.862.060 (62) between contact and cable .
 Tighten and solder the contact .

**③**

After cooling remove cable assembly from the jig .
 Screw positioner R282.744.011 (86) into the connector .
 Slide cable into the connector until it bottoms againsts positioner R282.744.011 .
 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

