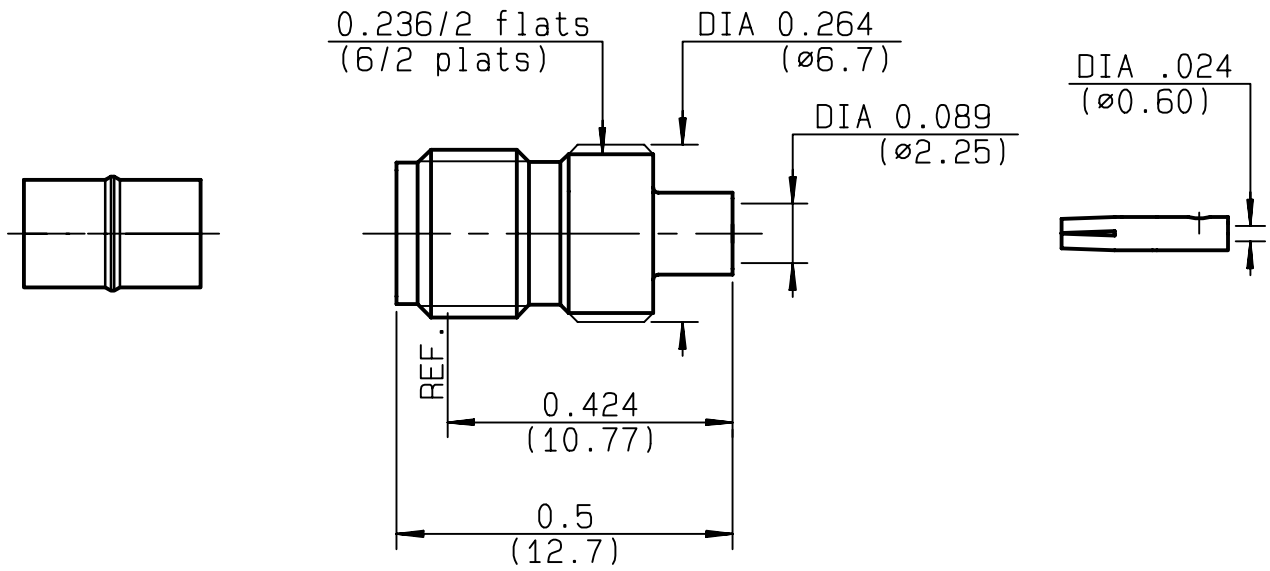
STRAIGHT JACK SOLDER TYPE
CABLE .085

R124.222.003
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** $\sqrt{F}$(GHz) dB Maxi	
VOLTAGE RATING	**335**	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	**750**	Veff Mini
INSULATION RESISTANCE	**5000**	MΩMini
HERMETIC SEAL	**NA**	Atm.cm^3/s
LEAKAGE (pressurized only)	**NA**	
MECHANICAL DURABILITY	**100**	Cycles
WEIGHT	**1.5**	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	**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		

ISSUE	CREATION DATE	FILE PART-NUMBER
9847B00	17/06/1996	96-1200-087

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TRIQUES

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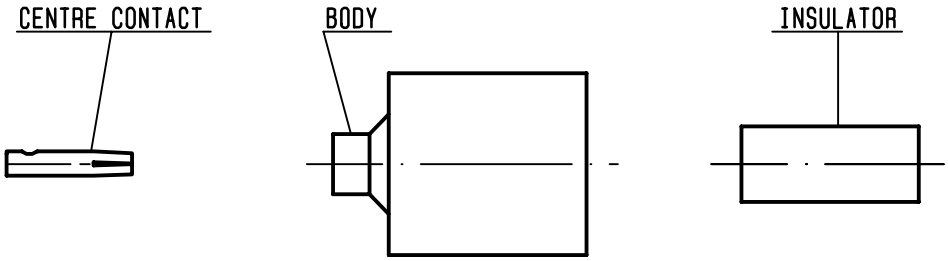
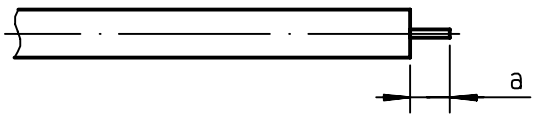
R124.222.003

ISSUE 9847B00 SERIES SMA-COM



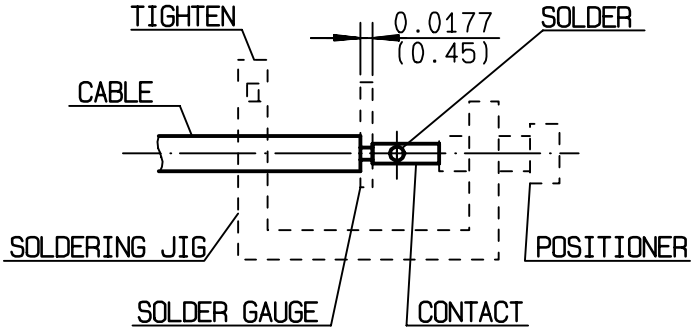
We recommend a cable thermal preconditionning before assembling

① Strip the dielectric of the cable .
Stripping tool cable : R282.051.000
Trimmer : R282.063.000
Clean the cable .
-

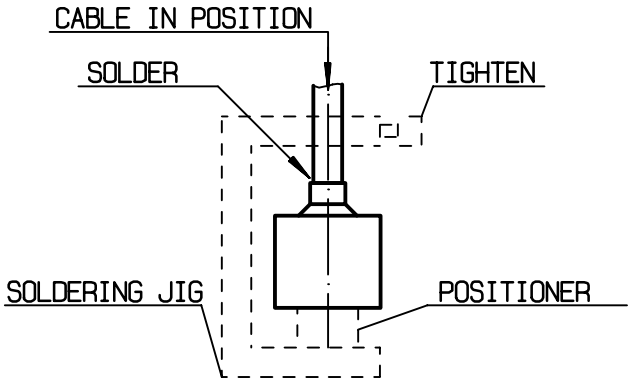


Stripping	a	b	c	d	e
inch	0.125	0	0	0	0
mm	3.17				

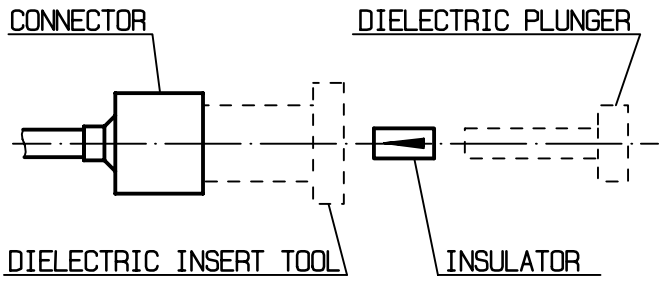
② Screw the positioner R282.744.220 onto the soldering jig R282.740.000
Slide contact into positioner .
Insert solder gauge R282.862.060 (61) between contact and cable .
Tighten and solder the contact .



③ After cooling remove cable assembly from the jig .
Screw positioner R282.744.010 (80) into the connector .
Slide cable into the connector until it bottoms againts 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



TRIQUES