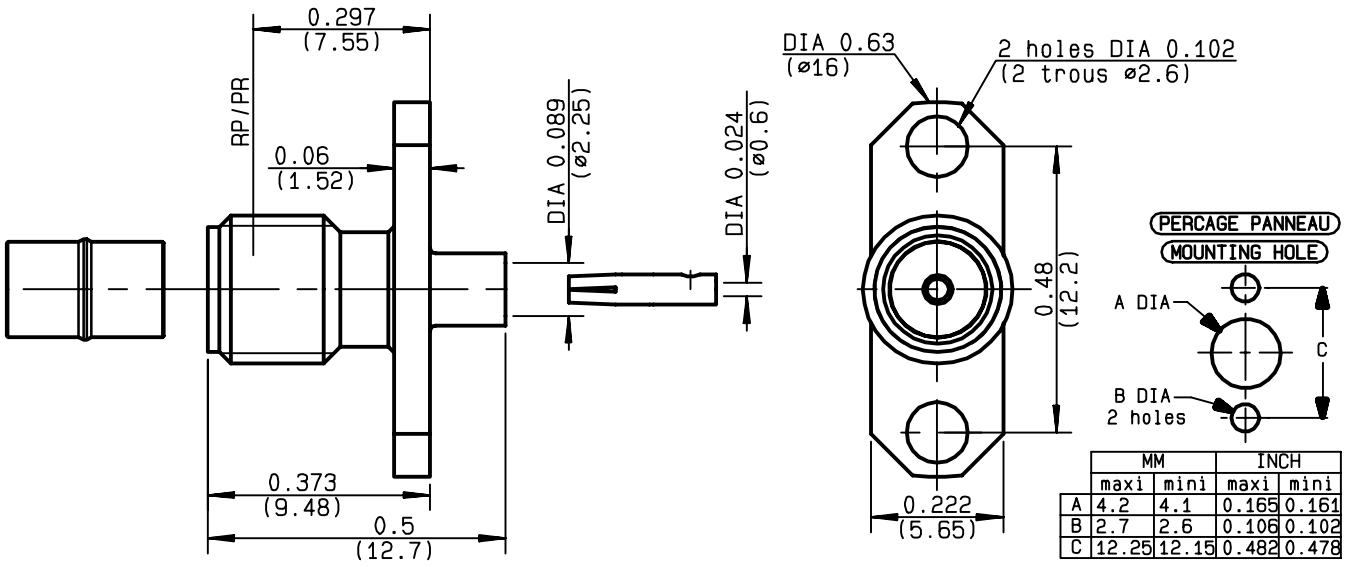
STRAIGHT 2 HOLES FLANGE JACK SOLDER TYPE CABLE .085

R124.252.003

SERIES SMA-COM



	MM		INCH	
	maxi	mini	maxi	mini
A	4.2	4.1	0.165	0.161
B	2.7	2.6	0.106	0.102
C	12.25	12.15	0.482	0.478

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	1.9	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
9847A00	21/11/1997	96-1200-075

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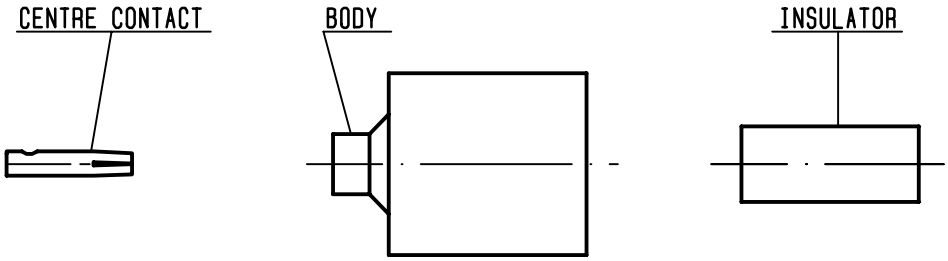
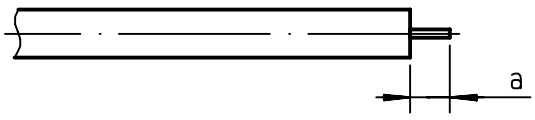
ISSUE 9847A00 SERIES SMA-COM



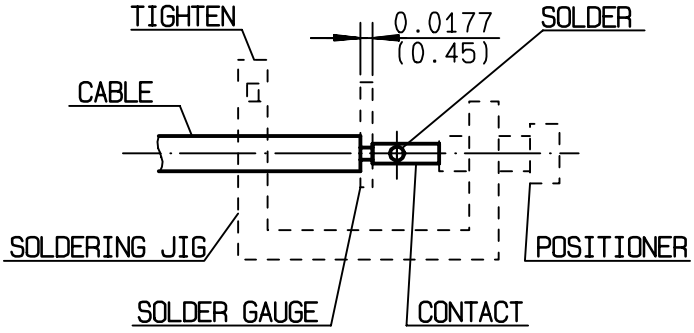
We recommend a cable thermal preconditionning before assembling

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 .
-

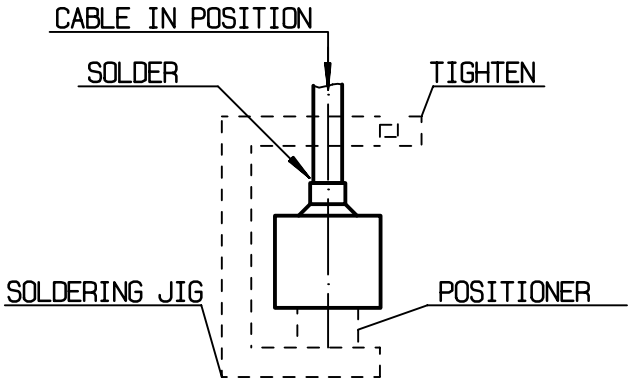


Stripping	a	b	c	d	e
inch	0.125	0	0	0	0
mm	3.17				

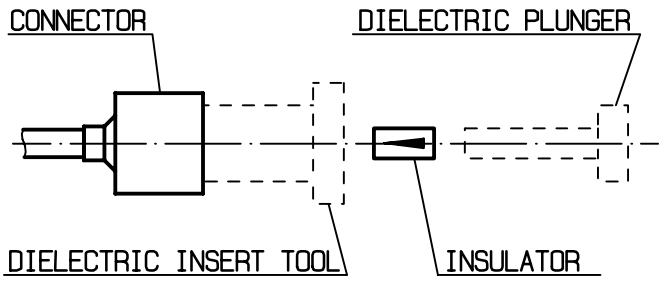
② Screw the positioner R282.744.220 onto the soldering jig R282.740.000
Slide contact into positioner .
Insert solder gauge R282.862.060 between contact and cable .
Tighten and solder the contact .



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 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