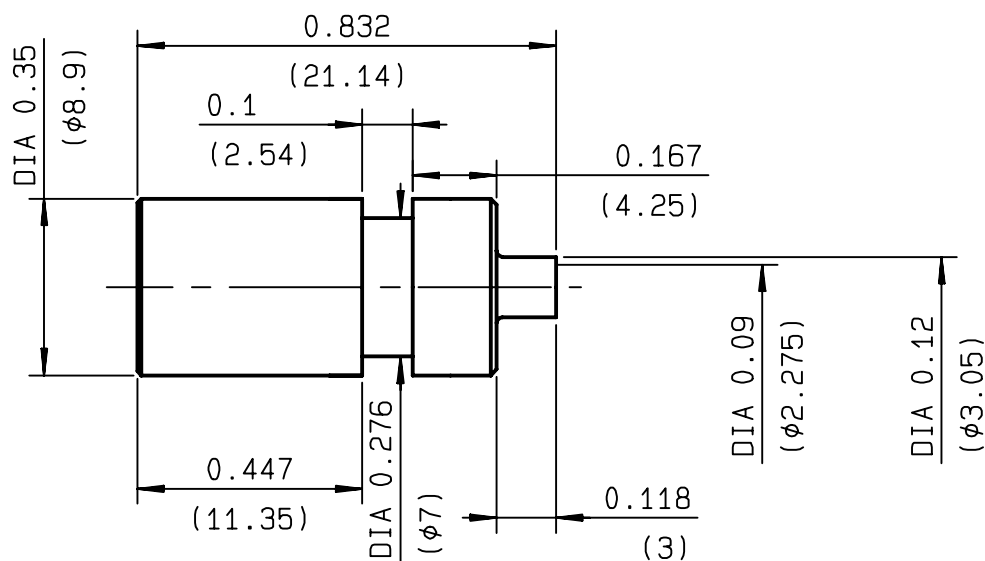


**SLIDE-ON PLUG SOLDER TYPE
CABLE .085**
R124.052.520
SERIES SMA-COM


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-18	GHz
TEMPERATURE RATING	-40/+70	$^{\circ}\text{C}$
V.S.W.R	1.07 + .01	$\times F(\text{GHz})\text{Maxi}$
RF INSERTION LOSS	0.05	$\sqrt{F}(\text{GHz}) \text{ dB Maxi}$
VOLTAGE RATING	335	$V_{\text{eff}} \text{ Maxi}$
DIELECTRIC WITHSTANDING VOLTAGE	750	$V_{\text{eff}} \text{ Mini}$
INSULATION RESISTANCE	5000	$M \Omega \text{ Mini}$
HERMETIC SEAL	NA	$\text{Atm.cm}^3/\text{s}$
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	500	Cycles
WEIGHT		gr
SPECIFICATION		

CABLES : KS 1
RG 405

OTHERS CHARACTERISTICS

CABLE RETENTION	130	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	27	N Mini
Axial force - opposite end	27	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	BERYLLIUM COPPER	NICKEL 2	
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET		-	
OTHERS PIECES			

RAFFAELLI

ISSUE
9847B00
CREATION DATE
13/03/1996
FILE PART-NUMBER
96-0400-399

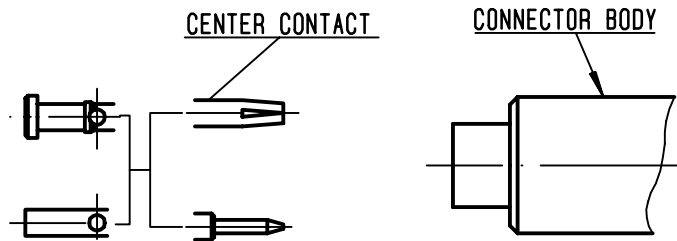
RADIALL®

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

Connect to the future



R124.052.520
 ISSUE 9847B00 SERIES SMA-COM



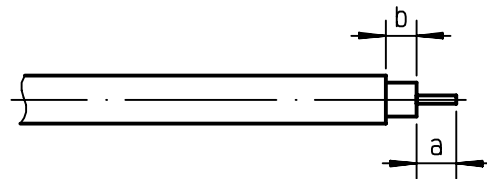
We recommend a thermal preconditionning cable .

①

Strip the cable .

Stripping tool R282 051 000

-
-
-



Stripping	a	b	c	d	e
inch	0.102	0.047	0	0	0
mm	2.6	1.2			

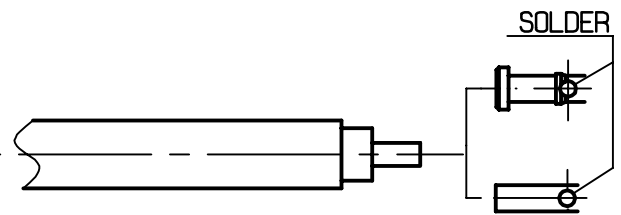
②

Slide contact on until it

bottoms against cable dielectric.

Solder contact.

-



③

Slide cable into connector body until it
 contacts the body shoulder.

Solder body onto cable .

Clean the solder area.

-
-
-
-
-

