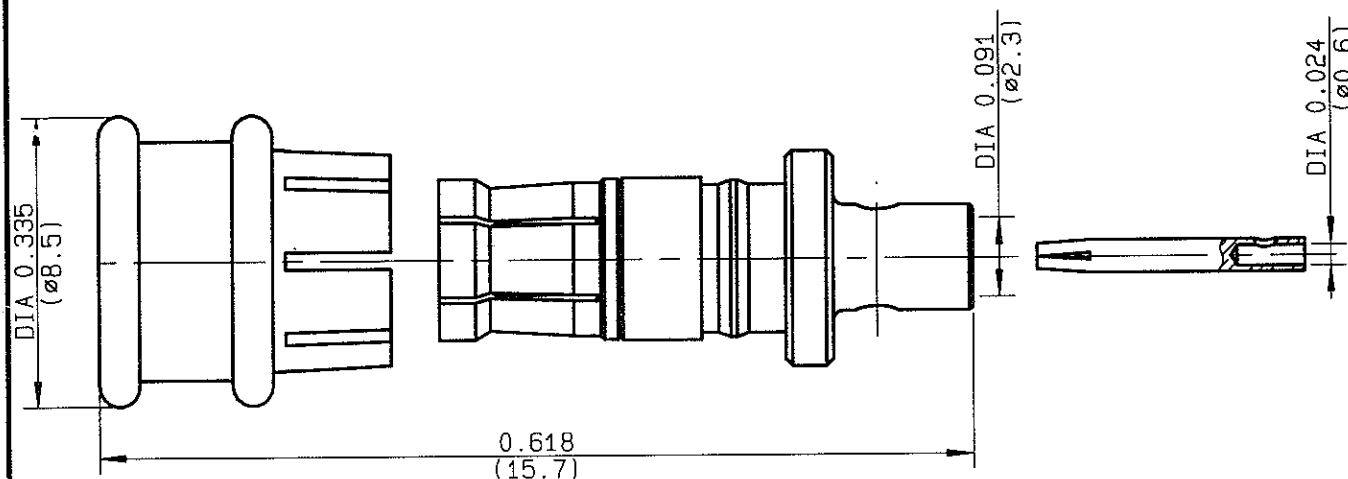


STRAIGHT PLUG SOLDER TYPE
CABLE .085
R117.053.807
SERIES SMB-LOCK


NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-4 GHz
TEMPERATURE RATING	-35/+125 °C
V.S.W.R	1.1 + .025 x F(GHz)Maxi
RF INSERTION LOSS	.2 $\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	335 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	750 Veff Mini
INSULATION RESISTANCE	1000 M Ω Mini
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	500 Cycles
WEIGHT	1.35 gr
SPECIFICATION	

 CABLES : **KS 1**
RS 405

OTHERS CHARACTERISTICS

CABLE RETENTION	220 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

BODY	BRASS
OUTER CONTACT	BRONZE
CENTER CONTACT	BERYLLIUM COPPER
INSULATOR	PTFE
GASKET	
OTHERS PIECES	DELTRIN (POM)

FINISH

(all values are given)
in micrometers

BBR 2
BBR 2
GOLD 0.8 OVER COPPER 0.5
-
-

ISSUE

9843A02

CREATION DATE

09-DEC-97

FILE PART-NUMBER

EPC 97-08

**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

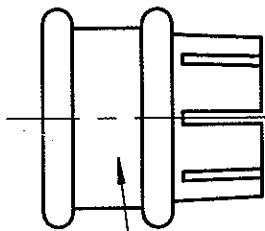


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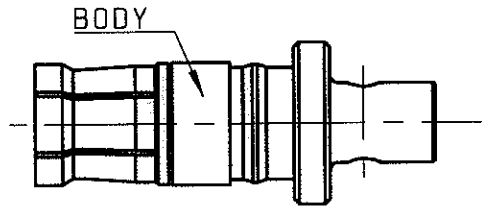
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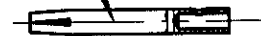


COUPLING NUT



BODY

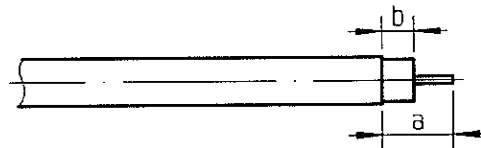
CENTER CONTACT



We recommend a thermal preconditionning cable .

①

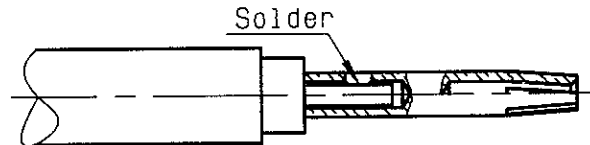
Strip off the outer conductor and the dielectric.



Stripping	a	b	c	d	e
inch	0.118	0.039	0	0	0
mm	3	1			

②

- Solder the center contact on the inner conductor of the cable.

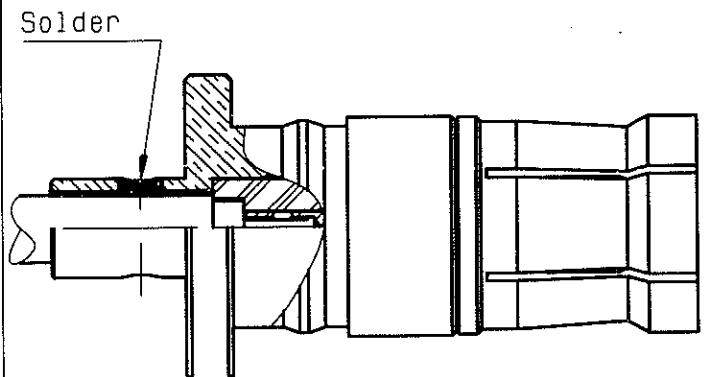


Solder

②

- Put the assembly into the body
- Solder the body on the semi-rigid cable.

- NOTE : In order to ensure a correct positionning of the center contact, it is recommended that a receptacle is fitted to the plug prior to solder the body and tighten the assembly in the assembly jig R282.740.000



Solder



RADIALL®

R117.053.807

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SERIES
SMB-LOCK

④

- Put the coupling nut on the Ref. plane.
- Insert the body into the coupling nut
(In direction F).

