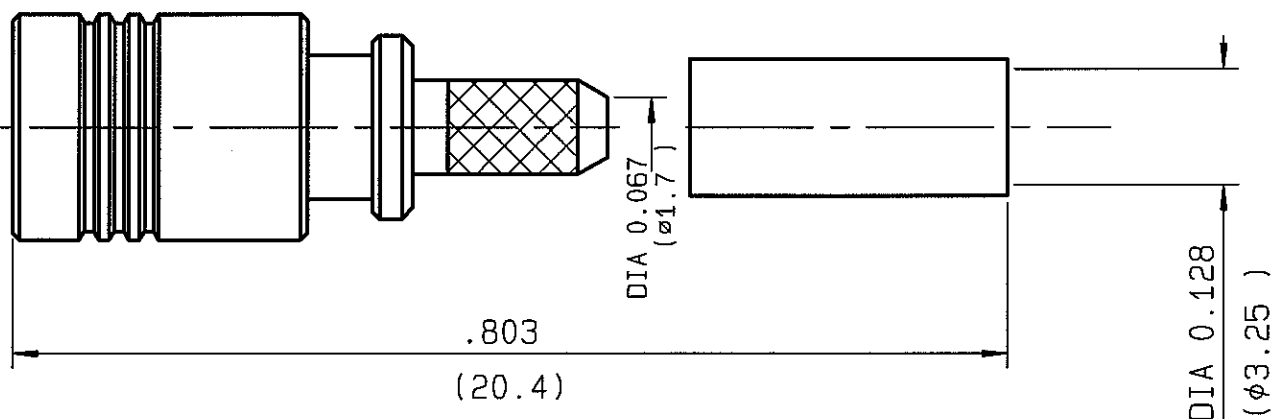


STRAIGHT PLUG CRIMP TYPE
CABLE 2.6/50+75 S
R114.082.097
SERIES SMB

Distorsion du champ magnetique:
 (Distorsion of the magnetic field)
 ≤ 0.5 ppm at 10mm at $B_0=1.5$ Tesla



NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-4 GHz
TEMPERATURE RATING	-65/+165 °C
V.S.W.R	1.05 + .08 x F(GHz)Maxi
RF INSERTION LOSS	0.25 $\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	500 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000 Veff Mini
INSULATION RESISTANCE	1000 M Ω Mini
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	500 Cycles
WEIGHT	2 gr
SPECIFICATION	

NON MAGNETIC COMPONENT
PHILIPS XJR 140-6810

CABLES : **KX 22A**
R6 179
R6 187
R6 188
R6 316

OTHERS CHARACTERISTICS

CABLE RETENTION	110 N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	10 N Mini
Axial force - opposite end	10 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	BERYLLIUM COPPER	BBR 2	
OUTER CONTACT	BERYLLIUM COPPER	BBR 2	
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER COPPER 2.5	
INSULATOR	PTFE	-	
GASKET	-	-	
OTHERS PIECES	BERYLLIUM COPPER	BBR 2	

Y. PERRIN

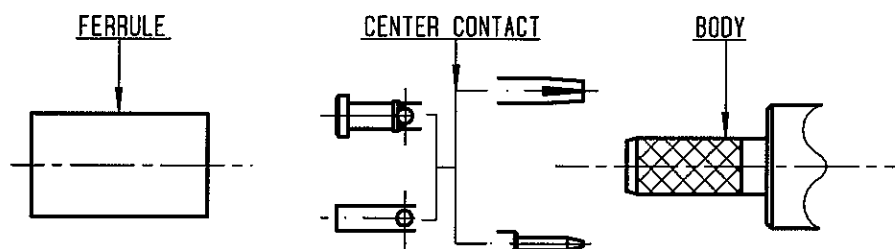
ISSUE	CREATION DATE	FILE PART-NUMBER
0601B00	20/08/1996	93-0103-136


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

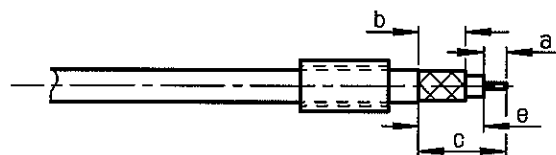

RADIALL®
R114.082.097

 ISSUE 0601B00 SERIES
SMB


①

Slide ferrule onto cable
Strip the cable .

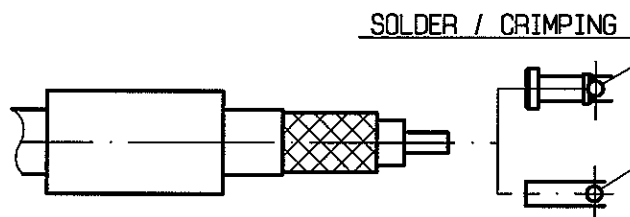
-
-



Stripping	a	b	c	d	e
inch	0.098	0.213	0.433	0	0.335
mm	2.5	5.4	11		8.5

②

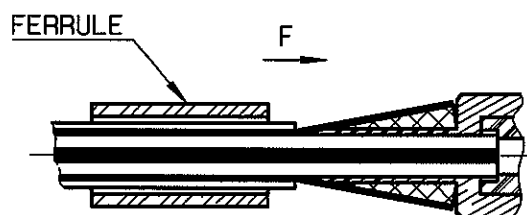
Slide center contact on until it
bottoms against cable dielectric .
Solder or crimping 2x4 pts center contact
Crimping tool R282 281 000 Buchanan 612 596
+ positioners R 282 983 000
crimping tool position 3 for cable 2.6/50
crimping tool position 1 for cable 2.6/75



SOLDER / CRIMPING

③

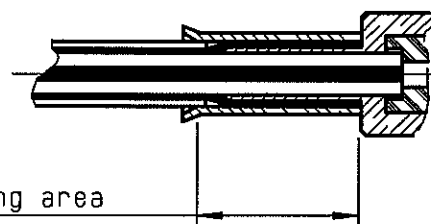
Fan the braid .
Slide cable into the body until
bottoms against insulator .
Slide ferrule over the braid .
(In direction F)



④

Crimp the ferrule with crimping tool
R 282 211 000 (Hex. : 3.25) or
crimping tool R282 293 000 (M22520/5-01)
+ dies R282 235 003 (M22520/5-03)
Cut excess of braid if necessary .

-
-
-
-



Crimping area