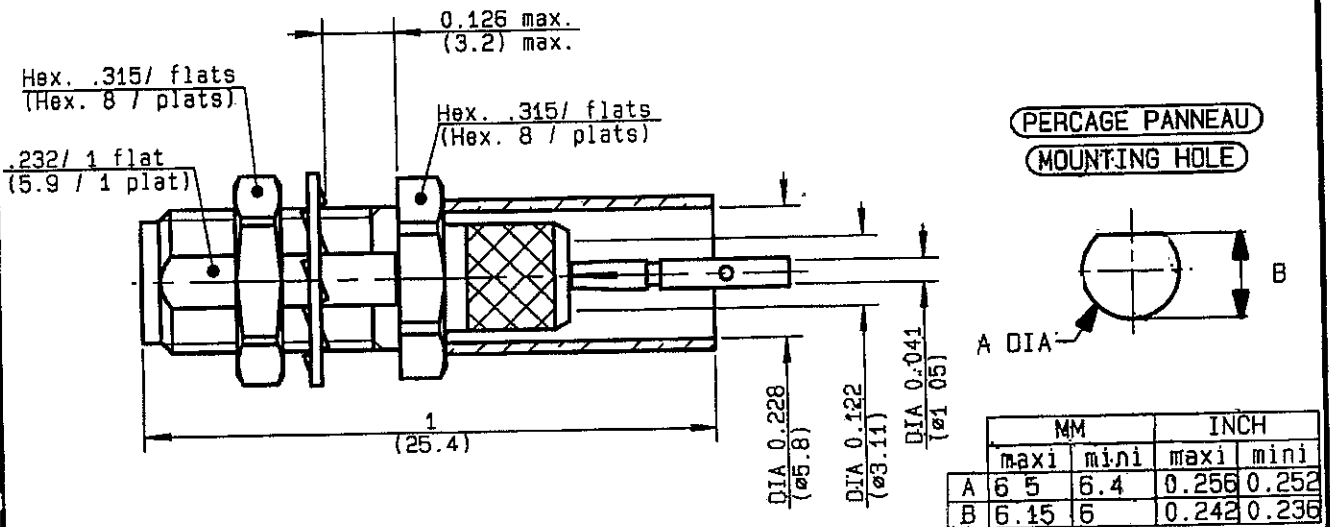


STRAIGHT BULKHEAD JACK FULL CRIMP TYPE
CABLE 5/50 D
R125.315.120
SERIES SMA


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-12.4	GHz
TEMPERATURE RATING	-65/+165	$^{\circ}\text{C}$
V.S.W.R	1.15 + .01 x F(GHz)Maxi	
RF INSERTION LOSS	0.04 $\sqrt{F}$ (GHz) dB Maxi	
VOLTAGE RATING	335	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000	Veff Mini
INSULATION RESISTANCE	5000	M Ω Mini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	500	Cycles
WEIGHT	3.8	gr
SPECIFICATION		

CABLES KX 23
 RG 142
 RG 142 FILX
 RG 223
 RG 400

OTHERS CHARACTERISTICS

CABLE RETENTION	204	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	18	N Mini
Axial force - opposite end	18	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	NA	cm.N
Panel nut	150	cm.N
Clamp nut	NA	cm.N

CONNECTOR PARTS MATERIALS

BODY	STAINLESS STEEL
OUTER CONTACT	
CENTER CONTACT	BERYLLIUM COPPER
INSULATOR	PTFE
GASKET	
OTHERS PIECES	BRASS

FINISH

(all values are given in micrometers)

GOLD 0.5 OVER NICKEL 2
GOLD 1.3 OVER NICKEL 2
-
-
GOLD 0.2 OVER NICKEL 2

ISSUE

9836A00

CREATION DATE

04-SEP-98

FILE PART-NUMBER

96-1000-057


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®

R125.315.120

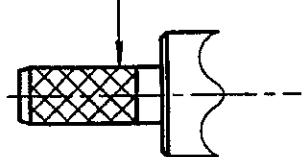
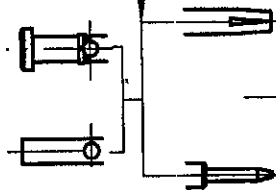
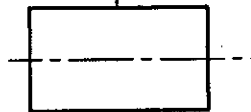
ISSUE 9836A00

SERIES SMA

FERRULE

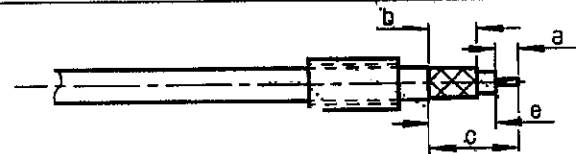
CENTER CONTACT

BODY



①

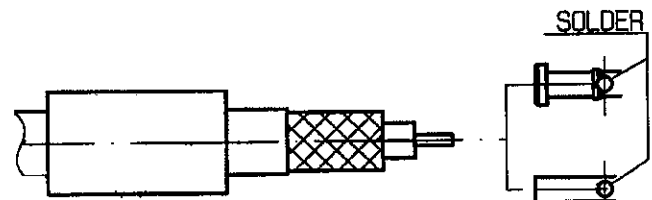
Slide onto the cable the ferrule .
Strip the cable .



Stripping	a	b	c	d	e
inch	0.118	0.248	0.425	0	0.307
mm	3	6.3	10.8		7.8

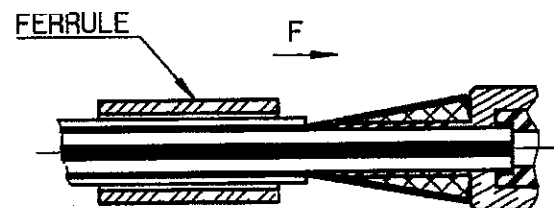
②

Slide center contact on until it
bottoms against cable dielectric
Solder or crimp center contact .
Crimping tool R282.281.000 (2 x 4 pts)
position 7 + positionner R282.967.012



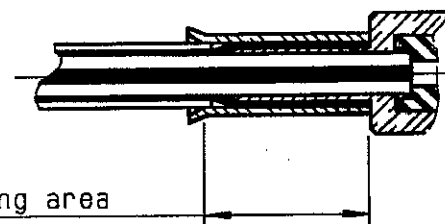
③

Fan the braid
Slide cable into the body by overtaking
the insulator hard mounting point
Slide ferrule over the braid
(In direction F)



④

Crimp the ferrule with crimping tool
R 282 223 000 (Hex. : .213) or
crimping tool R 282 293 000 (M22520/5-01)
+ dies R 282 235 011 (M22520/5-11)
Cut the excess of braid if necessary.



Crimping area

LELEU

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

[R125315120](#)