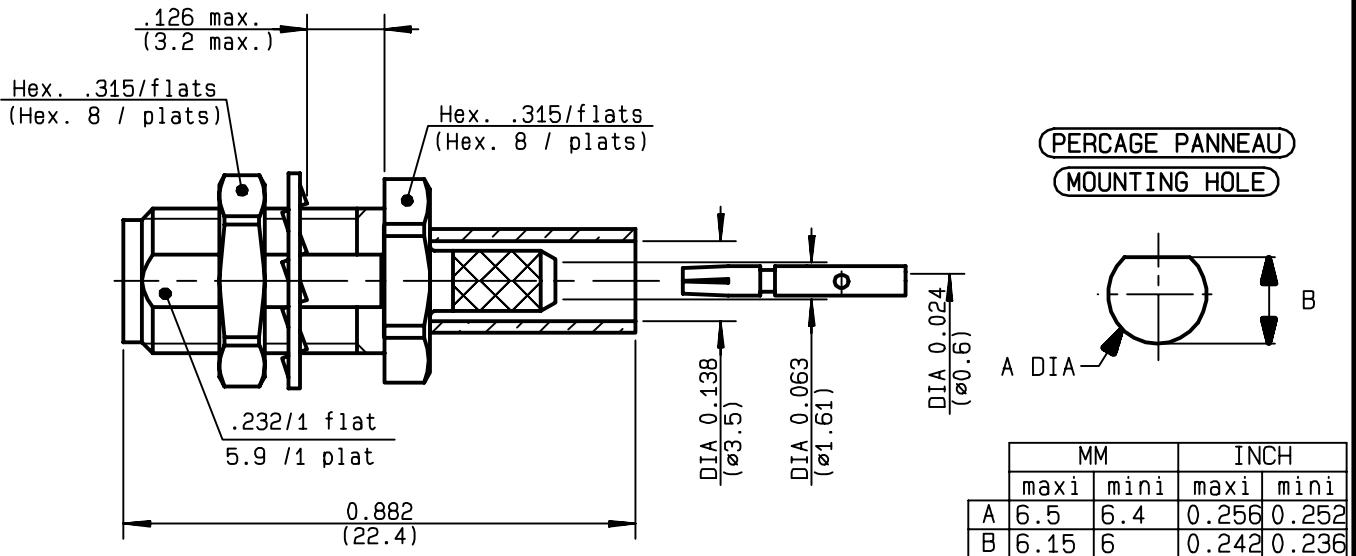


**STRAIGHT BULKHEAD JACK FULL CRIMP-TYPE**  
**CABLE 2.6/50 D**
**R124.313.120**  
**SERIES SMA-COM**


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-12.4	GHz
TEMPERATURE RATING	-65/+165	°C
V.S.W.R	1.15 + .02 x F(GHz)Maxi	
RF INSERTION LOSS	0.05 √F(GHz)	dB Maxi
VOLTAGE RATING	250	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	750	Veff Mini
INSULATION RESISTANCE	5000	MΩMini
HERMETIC SEAL	NA	Atm.cm <sup>3</sup> /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	100	Cycles
WEIGHT	3.5	gr
SPECIFICATION		

**CABLES : K02252D**  
**RD 316**

## OTHERS CHARACTERISTICS

CABLE RETENTION	110	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	BRASS
OUTER CONTACT	
CENTER CONTACT	BERYLLIUM COPPER
INSULATOR	PTFE
GASKET	
OTHERS PIECES	BRASS

## FINISH

(all values are given in micrometers)

BBR 2
GOLD 1.3 OVER COPPER 2.5
-
-
BBR 2

TRIQUES

ISSUE	CREATION DATE	FILE PART-NUMBER
9847A00	02/12/1996	96-1000-017

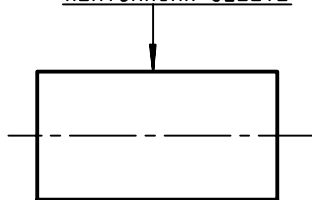

**RADIALL®**

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

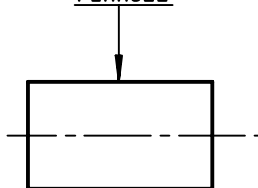
*Connect to the future*

**R124.313.120**ISSUE **9847A00** SERIES**SMA-COM**

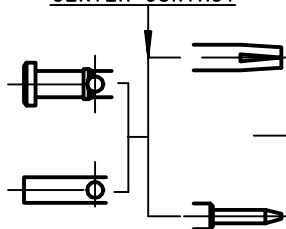
HEATSHRINK SLEEVE



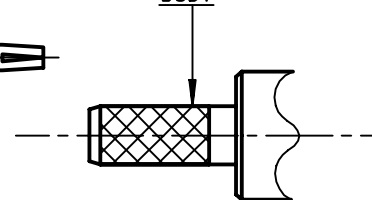
FERRULE



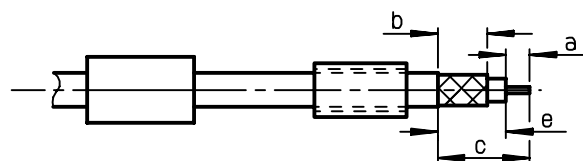
CENTER CONTACT



BODY

**①**

Slide heatshrink sleeve (R280.637.020-Option) and ferrule onto cable.  
Strip the cable.

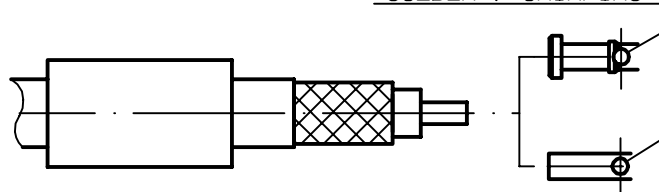


Stripping	a	b	c	d	e
inch	0.118	0.248	0.425	0	0.307
mm	3	6.3	10.8		7.8

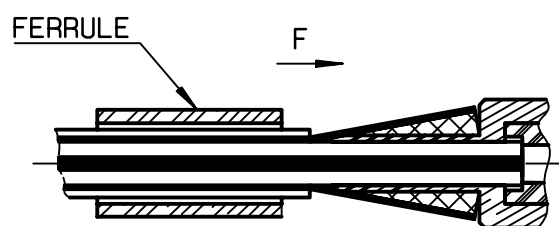
**②**

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 5  
+ positionner R282.967.012.  
-

SOLDER / CRIMPING

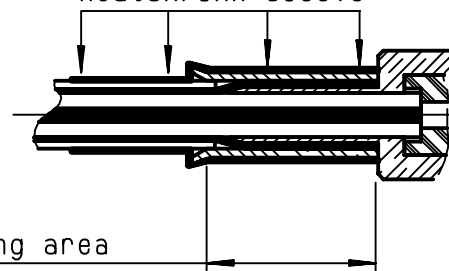
**③**

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 R282.271.000 ( Hex. : .151 )(3.84) or crimping tool R282.293.000 ( M22520/5-01 )  
+ dies R282.235.037 ( M22520/5-37 )  
Cut excess of braid if necessary .  
Slide sleeve over ferrule and heatshrink in place (Option)  
-  
-

Shrink the heatshrink sleeve



Crimping area

# Mouser Electronics

Authorized Distributor

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

Radial:

[R124313120W](#)