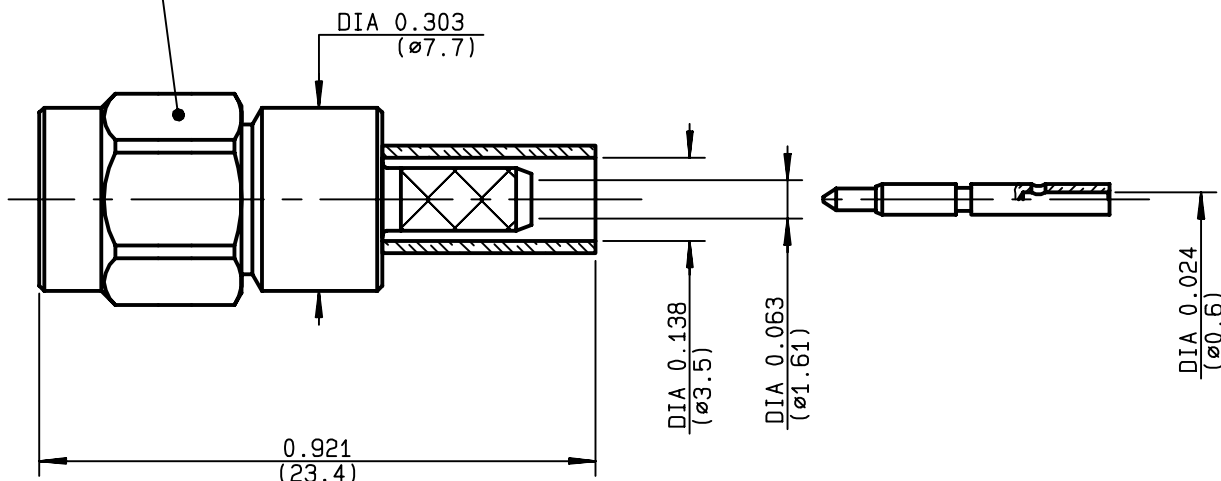


STRAIGHT PLUG FULL CRIMP TYPE
CABLE 2.6/50 D
R125.072.220
SERIES SMA

Hex. .315/flats
(Hex. 8/plats)


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-12.4	GHz
TEMPERATURE RATING	-65/+165	$^{\circ}\text{C}$
V.S.W.R	1.15 + .02	$\times F(\text{GHz}) \text{Maxi}$
RF INSERTION LOSS	0.06	$\sqrt{F}(\text{GHz}) \text{ dB Maxi}$
VOLTAGE RATING	250	$V_{\text{eff}} \text{ Maxi}$
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	4.5	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	100	cm.N
Panel nut	NA	cm.N
Clamp nut	NA	cm.N

CONNECTOR PARTS. MATERIALS

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

FINISH (all values are given in micrometers)

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

ISSUE

9840A00

CREATION DATE

15/10/1997

FILE PART-NUMBER

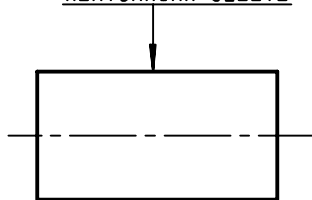
96-1000-047**RADIALL®**

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

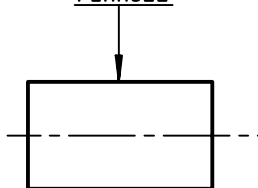
Connect to the future

**R125.072.220**ISSUE **9840A00** SERIES**SMA**

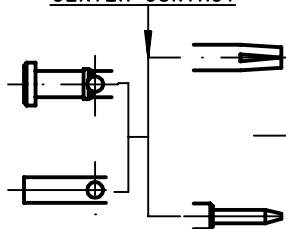
HEATSHRINK SLEEVE



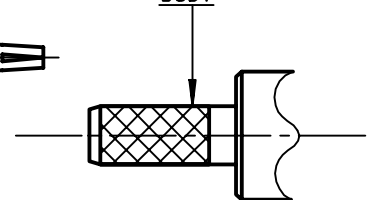
FERRULE



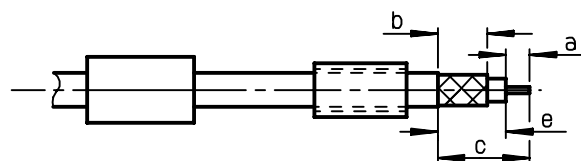
CENTER CONTACT



BODY

**①**

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

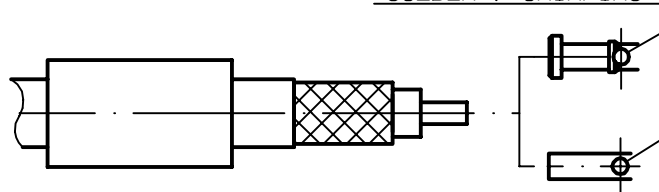


Stripping	a	b	c	d	e
inch	0.118	0.248	0.425	0	0.307
mm	3	6.3	10.8		7.8

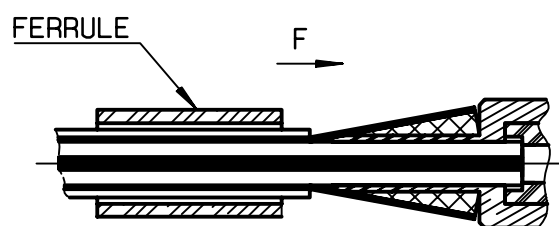
②

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

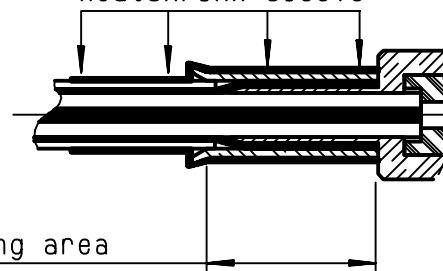
**③**

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