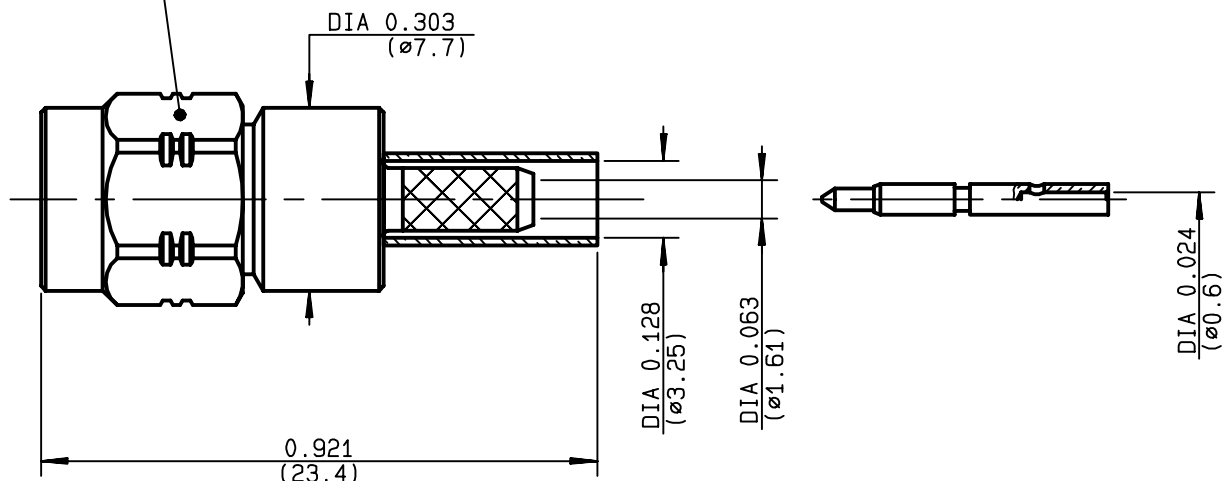


STRAIGHT PLUG FULL CRIMP-TYPE
CABLE 2.6/50 S
R124.071.123
SERIES SMA-COM

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	0.05	$\sqrt{F}(\text{GHz}) \text{ dB Maxi}$
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	100	Cycles
WEIGHT	4.4	gr
SPECIFICATION		

CABLES : **KX 22A**
RG 188
RG 316

OTHERS CHARACTERISTICS

CABLE RETENTION	90	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	60	cm.N
Panel nut	NA	cm.N
Clamp nut	NA	cm.N

CONNECTOR PARTS. MATERIALS

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

FINISH (all values are given in micrometers)

GOLD 0.2 OVER NICKEL 2
GOLD 1.3 OVER COPPER 2.5
-
-
GOLD 0.2 OVER NICKEL 2

TRIQUES

ISSUE	CREATION DATE	FILE PART-NUMBER
9847B00	20/05/1996	96-1000-050


RADIALL®

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

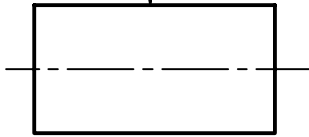
Connect to the future



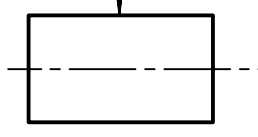
R124.071.123

ISSUE **9847B00** SERIES **SMA-COM**

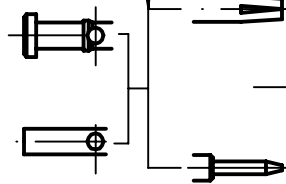
HEATSHRINK SLEEVE



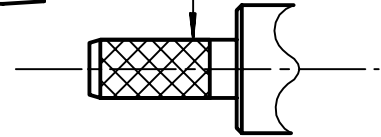
FERRULE



CENTER CONTACT

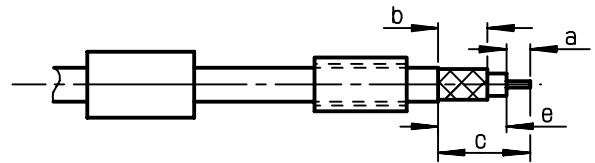


BODY



①

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

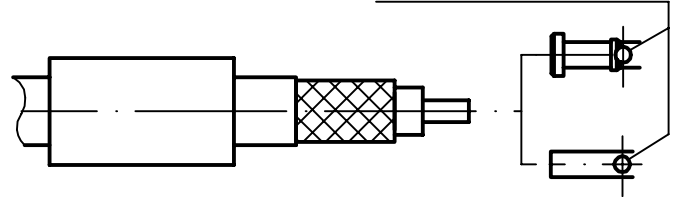


Stripping	a	b	c	d	e
inch	0.118	0.248	0.425	0	0.307
mm	3	6.3	10.8		7.8

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.
-

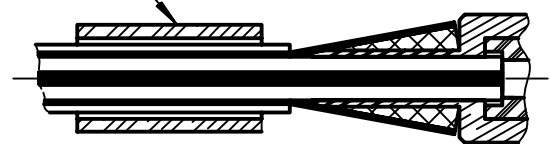
SOLDER / CRIMPING



③

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

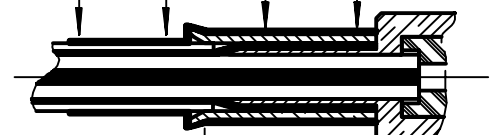
FERRULE



④

Crimp the ferrule with crimping tool R282.271.000 (Hex. : .128) (3.25) or crimping tool R282.293.000 (M22520/5-01) + dies R282.235.003 (M22520/5-03)
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:

[R124071123](#)