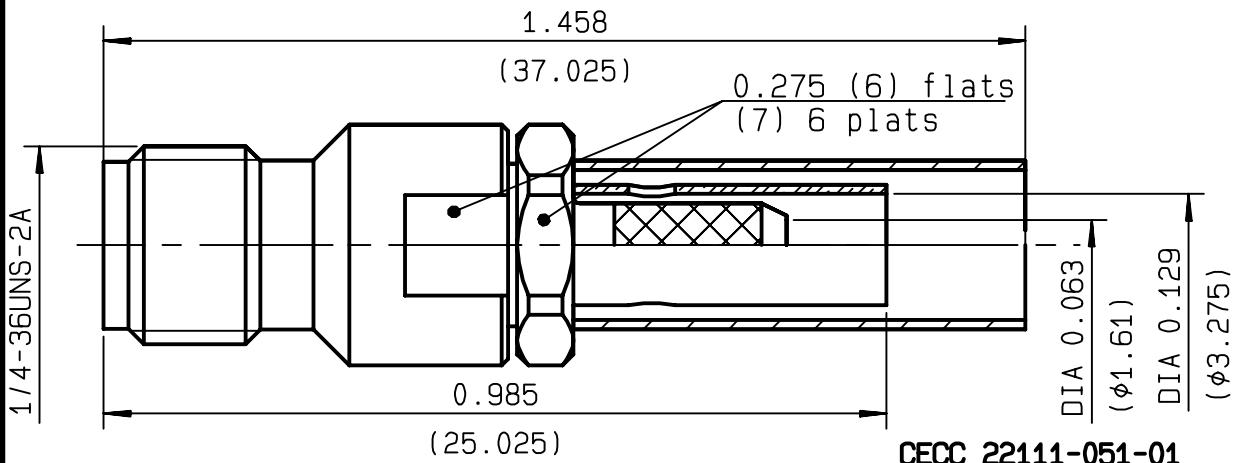


**STRAIGHT JACK CRIMP OR SOLDER TYPE
CABLE 2.6/50 S**
**R125.236.000
SERIES SMA**


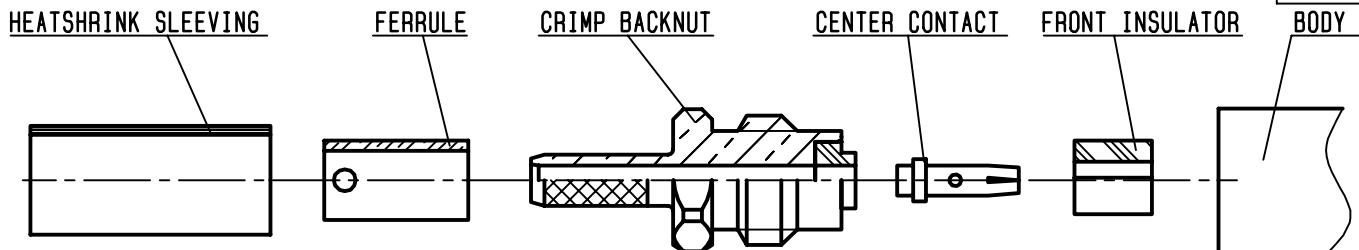
NOMINAL IMPEDANCE	50 Ω	CABLES : KX 22A
FREQUENCY RANGE	0-12.4 GHz	RG 188
TEMPERATURE RATING	-65/+165 °C	RG 316
V.S.W.R	1.15 + .02 x F(GHz) Maxi	
RF INSERTION LOSS	0.06 √F(GHz) dB Maxi	
VOLTAGE RATING	250 Veff Maxi	
DIELECTRIC WITHSTANDING VOLTAGE	750 Veff Mini	
INSULATION RESISTANCE	5000 MΩ Mini	OTHERS CHARACTERISTICS
HERMETIC SEAL	NA Atm.cm ³ /s	CABLE RETENTION 90 N Mini
LEAKAGE (pressurized only)	NA	CENTER CONTACT RETENTION
MECHANICAL DURABILITY	500 Cycles	Axial force - mating end 27 N Mini
WEIGHT	gr	Axial force - opposite end 27 N Mini
SPECIFICATION		Torque NA cm.N Mini
		RECOMMENDED TORQUES
		Mating NA cm.N
		Panel nut NA cm.N
		Clamp nut 100 cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given in micrometers)
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2	
OUTER CONTACT			
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET		-	
OTHERS PIECES	BRASS	GOLD 0.5 OVER NICKEL 2	

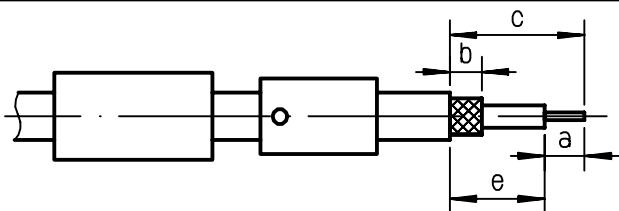



RADIALL®
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ISSUE 9901E03

SERIES
SMA**1**

Slide the heatshrink sleeving and the ferrule onto the cable
 Ferrule holes to the front if SOLDER.
 Ferrule holes to the rear if CRIMP.
 Strip the cable .



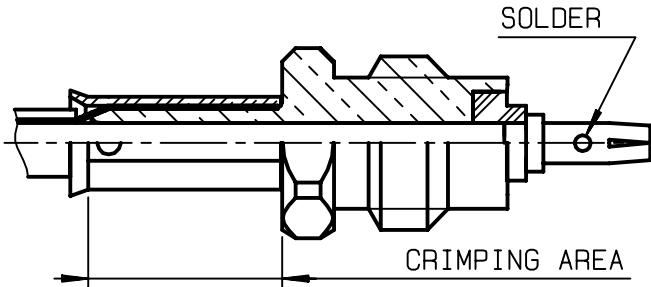
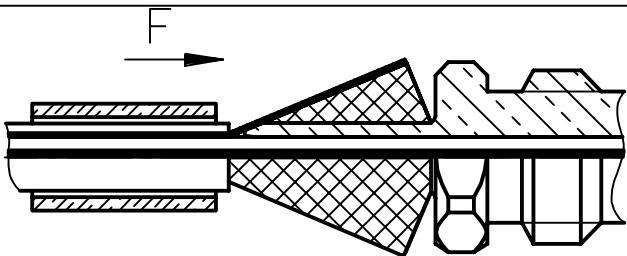
Stripping	a	b	c	d	e
inch	0.138	0.276	0.531	0	0.394
mm	3.5	7	13.5		10

2

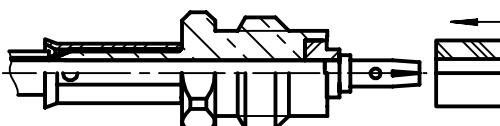
Fan the braid .

Slide the back body between dielectric and braid .

Put the cable against the insulator.
 Slide ferrule over the braid (in direction F)
 Crimp ferrule with RADIALL crimping tool
 R282 211 or crimping tool R282 293 000
 (M22520/5-01) + dies R282 235 003
 (M22520/5-03) Hex .128



Slide the center contact on the cable until it bottoms against insulator .
 Solder the center contact.



Slide the front insulator on the center contact.

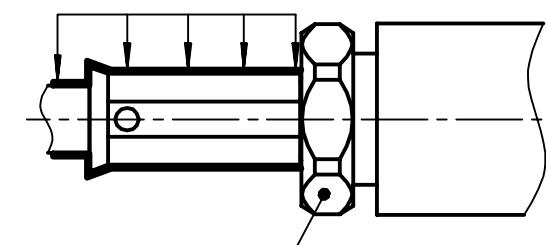
3

Screw the sub-assembly into the connector body
 (recommended coupling torque:
 7.08 to 10.16 in.lb

Cut the excess of braid.

Slide sleeve over ferrule and heatshrink in place.

SHRINK THE HEATSHRINK SLEEVE



Hex. : .276 / flats

Mouser Electronics

Authorized Distributor

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Radiall:

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