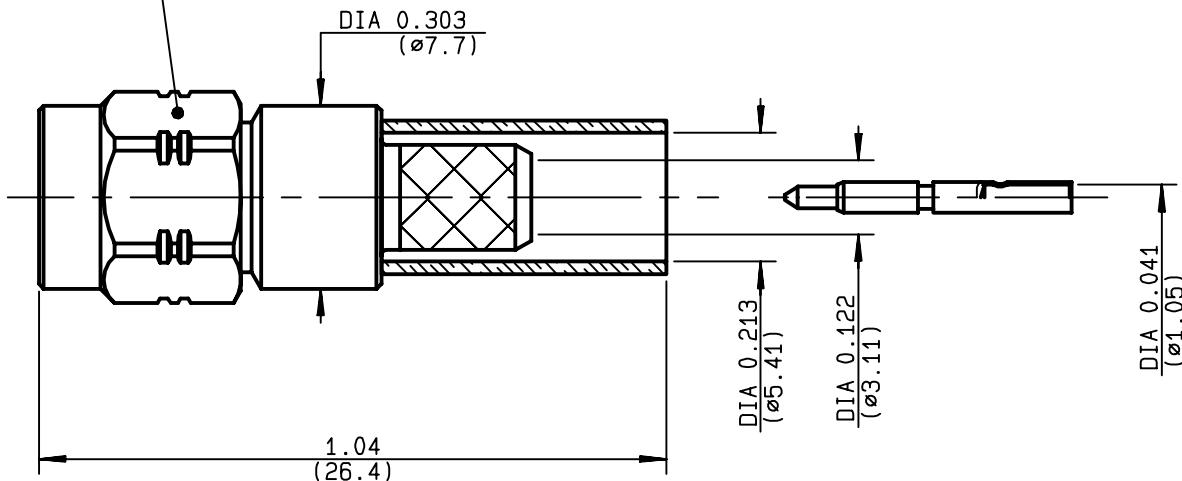


**STRAIGHT PLUG FULL CRIMP-TYPE  
CABLE 5/50 S**
**R124.075.323  
SERIES SMA-COM**

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

 NOMINAL IMPEDANCE **50** Ω

 CABLES : **KX 15**

 FREQUENCY RANGE **0-12.4** GHz

**RG 141**
**RG 58**

 TEMPERATURE RATING **-65/+165** °C

 V.S.W.R **1.15** + **.01** x F(GHz) Maxi

 RF INSERTION LOSS **0.05** √F(GHz) dB Maxi

 VOLTAGE RATING **335** Veff Maxi

 DIELECTRIC WITHSTANDING VOLTAGE **1000** Veff Mini

 INSULATION RESISTANCE **5000** MΩ Mini

OTHERS CHARACTERISTICS

 HERMETIC SEAL **NA** Atm.cm³/s

 CABLE RETENTION **180** N Mini

 LEAKAGE (pressurized only) **NA**

CENTER CONTACT RETENTION

 MECHANICAL DURABILITY **100** Cycles

 Axial force - mating end **18** N Mini

 WEIGHT **5.2** gr

 Axial force - opposite end **18** N Mini

SPECIFICATION

 Torque **NA** cm.N Mini

RECOMMENDED TORQUES

 Mating **60** cm.N

 Panel nut **NA** cm.N

 Clamp nut **NA** cm.N

CONNECTOR PARTS

MATERIALS

FINISH ( all values are given in micrometers )

 BODY **BRASS**

GOLD 0.2 OVER NICKEL 2

 OUTER CONTACT **BRASS**

GOLD 1.3 OVER COPPER 2.5

 CENTER CONTACT **PTFE**

-

 INSULATOR **PTFE**

-

 GASKET **BRASS**

GOLD 0.2 OVER NICKEL 2

 OTHERS PIECES **BRASS**

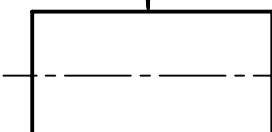
**RADIALL** ®


**RADIALL®**
**R124.075.323**

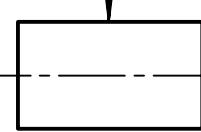
ISSUE 9847B00

SERIES  
SMA-COM

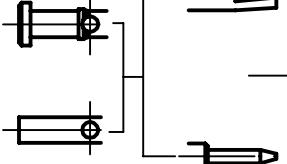
HEATSHRINK SLEEVE



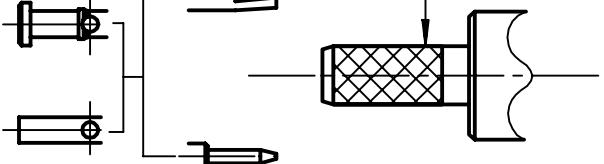
FERRULE



CENTER CONTACT

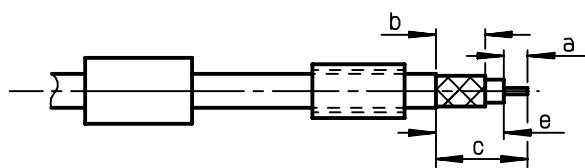


BODY



①

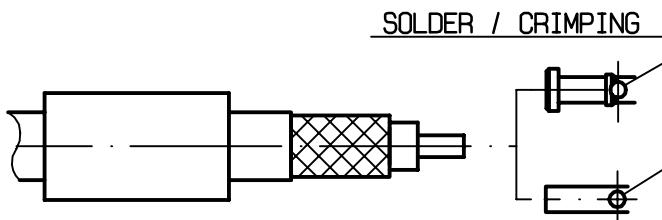
Slide heatshrink sleeve (R280.637.030-Option) and ferrule onto cable.  
Strip the cable.  
-



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

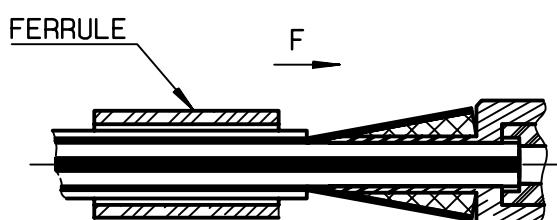
②

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 7  
+ positionner R282.967.012.  
-



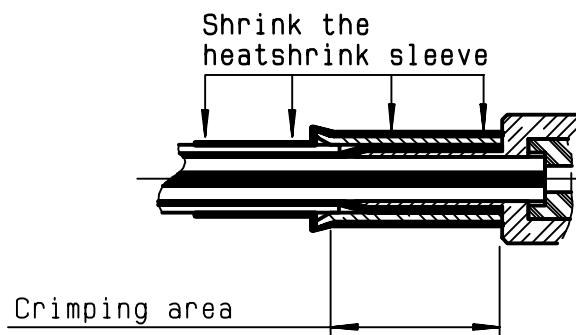
③

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 R282.223.000 ( Hex. : .213 )(5.41) or crimping tool R282.293.000 ( M22520/5-01 ) + dies R282.235.011 ( M22520/5-11 )  
Cut excess of braid if necessary.  
Slide sleeve over ferrule and heatshrink in place (Option)  
-



# Mouser Electronics

Authorized Distributor

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Radiall:

[R124075323](#) [R124075323W](#)