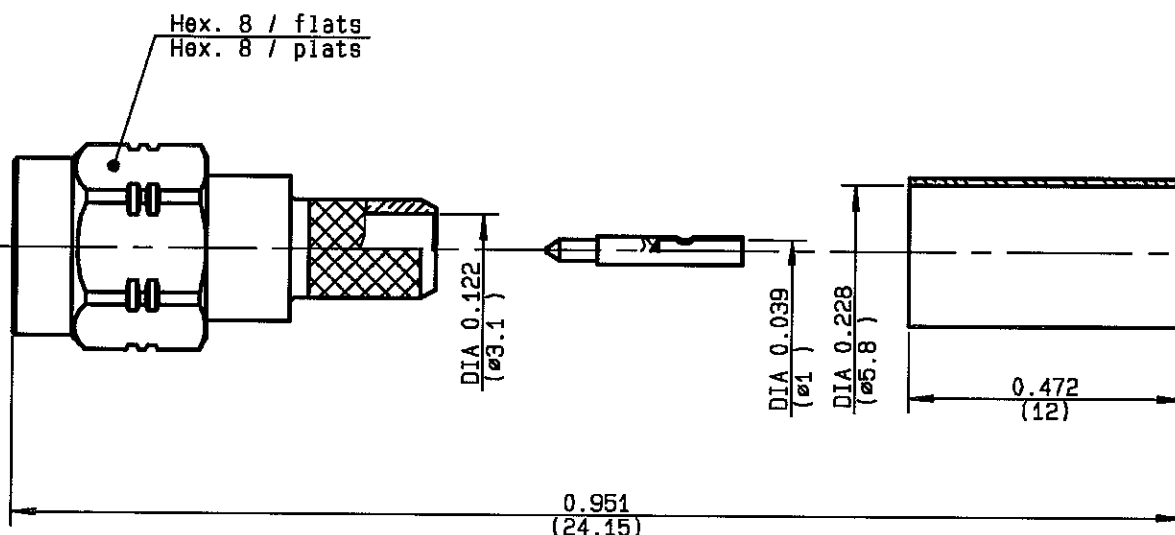


**STRAIGHT PLUG CRIMP TYPE
CABLE 5/50 D**

R124.076.120
SERIES SMA-COM



NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-12.4 GHz
TEMPERATURE RATING	-65/+165 °C
V.S.W.R	1.15 + .01 x F(GHz)Maxi
RF INSERTION LOSS	0.05 √F(GHz) dB Maxi
VOLTAGE RATING	335 V _{eff} Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000 V _{eff} Mini
INSULATION RESISTANCE	5000 M ΩMini
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	100 Cycles
WEIGHT	gr
SPECIFICATION	

- CABLES : **KX 23**
RG 142
RG 142 FTX
RG 223
RG 400

OTHERS CHARACTERISTICS

CABLE RETENTION	204 N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	NA N Mini
Axial force - opposite end	NA N Mini
Torque	NA cm.N Mini
RECOMMENDED TORQUES	
Mating	50 cm.N
Panel nut	NA cm.N
Clamp nut	NA cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given in micrometers)
BODY	BRASS	BBR 2	
OUTER CONTACT			
CENTER CONTACT	BRASS	GOLD 1.3 OVER COPPER 2.5	
INSULATOR	PTFE	-	
GASKET		-	
OTHERS PIECES	BRASS	BBR 2	

ISSUE
0708D

CREATION DATE
30/09/1993

FILE PART-NUMBER
EPC 97-03



RADIALL®

TRIQUES

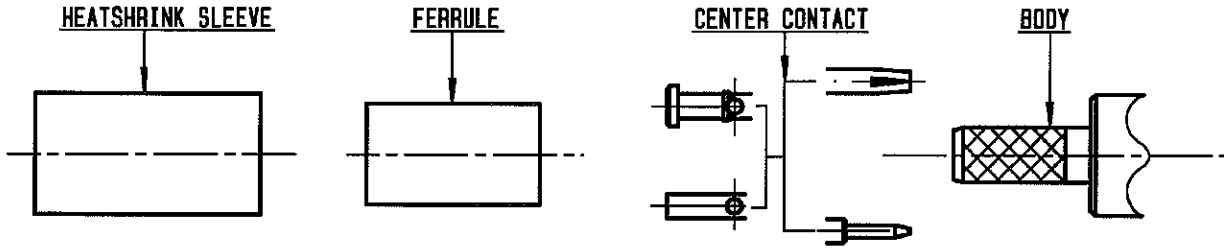
The information given here is subject to change without notice.
Design changes may be in order to improve the product.

Connect to the future



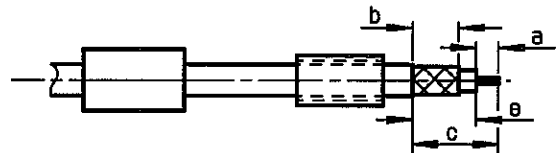
R124.076.120

ISSUE **0708D** SERIES **SMA-COM**



①

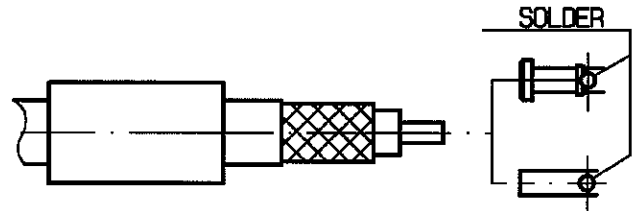
Slide heatshrink sleeve (R280.637.030-Option) and ferrule onto cable. Strip the cable.



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

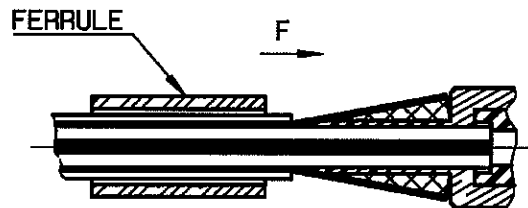
②

Slide center contact on until it bottoms against cable dielectric. Solder center contact.



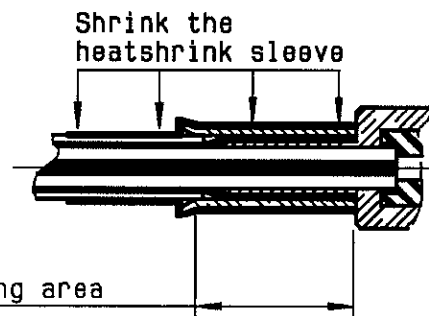
③

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)



Crimping area

TRIGUES