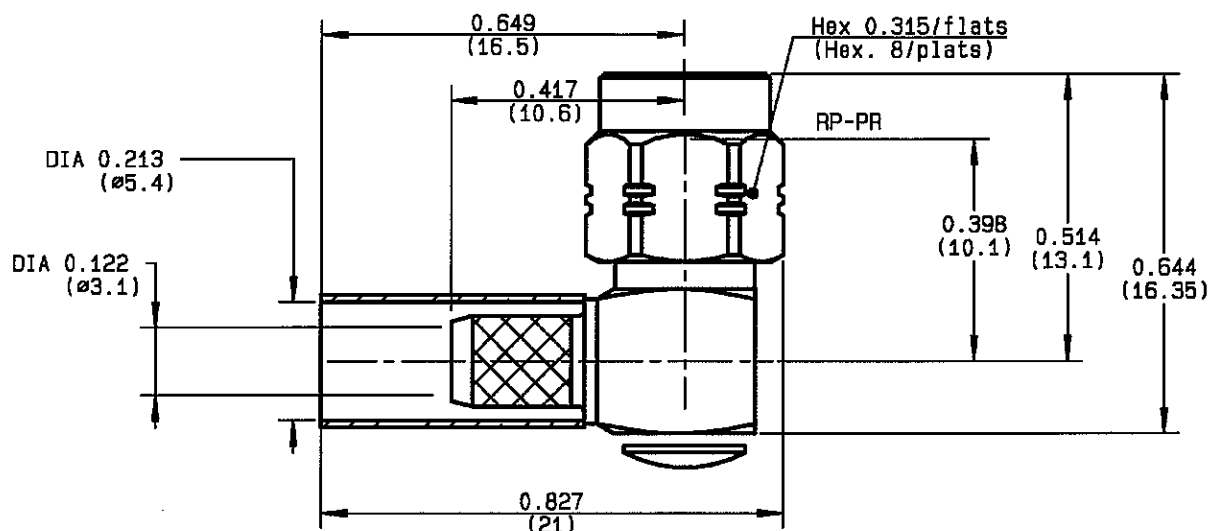


RIGHT ANGLE PLUG CRIMP TYPE
CABLE 5/50 S
R124.175.120
SERIES SMA-COM


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-12.4	GHz
TEMPERATURE RATING	-65/+165	$^{\circ}\text{C}$
V.S.W.R	1.15 + .02 x F(GHz)Max1	
RF INSERTION LOSS	0.05 $\sqrt{F(\text{GHz})}$ dB	Max1
VOLTAGE RATING	335	Veff Max1
DIELECTRIC WITHSTANDING VOLTAGE	1000	Veff Mini
INSULATION RESISTANCE	5000	M Ω Mini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	100	Cycles
WEIGHT	5.5	gr
SPECIFICATION		

CABLES : KX 15
 RG 141
 RG 58

OTHERS CHARACTERISTICS

CABLE RETENTION	180	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	27	N Mini
Axial force - opposite end	27	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

BBR 2
GOLD 1.3 OVER COPPER 2.5
-
-
BBR 2

ISSUE

0708E

CREATION DATE

30/06/1993

FILE PART-NUMBER

EPC 97-03


RADIALL®

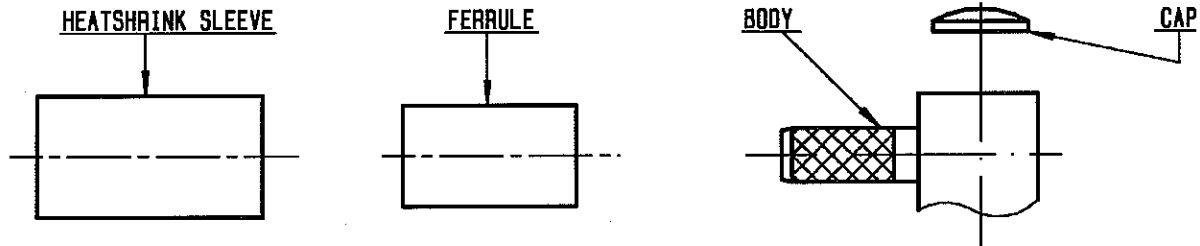
The information given here is subject to change without notice.
 Design changes may be in order to improve the product.

Connect to the future



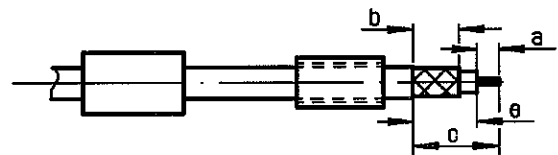
R124.175.120

ISSUE **0708E** SERIES **SMA-COM**



①

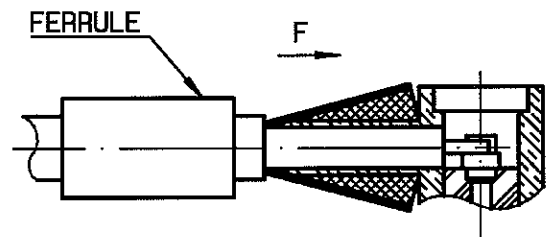
Slide heatshrink sleeve (R280.637.030 - Option) and the ferrule onto cable .
Strip the cable .



Stripping	a	b	c	d	e
inch	0.079	0.256	0.472	0	0.394
mm	2	6.5	12		10

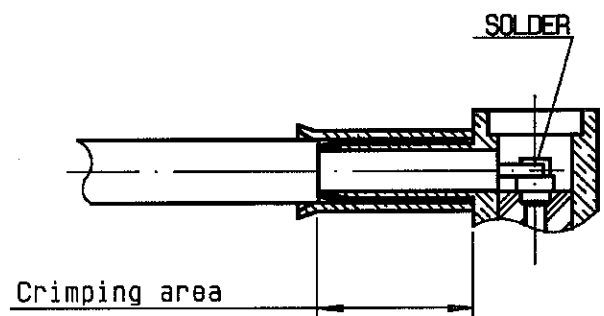
②

Fan the braid .
Push connector body under the braid .
Slide ferrule over braid
(in direction F)



③

Crimp the ferrule with crimping tool R282 223 000 (Hex. : 0.212) or crimping tool R 282 293 000 (M22520/5-01) + dies R 282 235 011 (M22520/5-11)
Solder inner conductor .



④

Place the cap into body.
Press cap flush or slightly below surface of body assembly .
Slide sleeve over ferrule and heatshrink in place (Option) .

