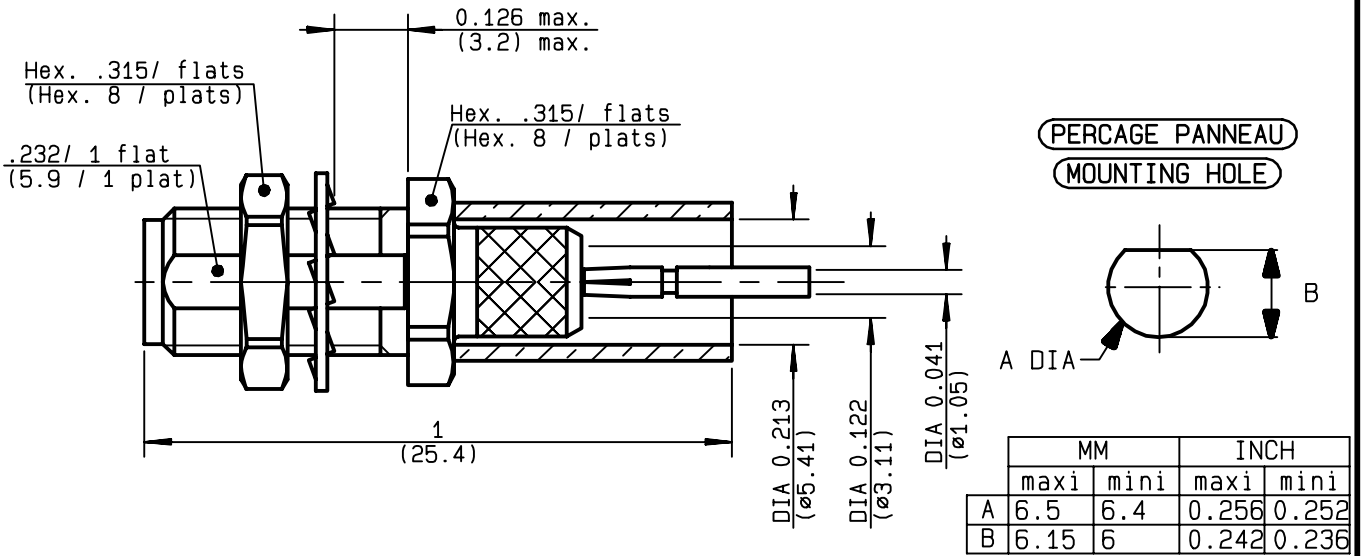


**STRAIGHT BULKHEAD JACK FULL CRIMP-TYPE
CABLE 5/50 S**

R124.314.120
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 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1000 Veff Mini
INSULATION RESISTANCE	5000 MΩMini
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	100 Cycles
WEIGHT	4.1 gr
SPECIFICATION	

CABLES : **KX 15**
RG 141
RG 58

OTHERS CHARACTERISTICS

CABLE RETENTION	180	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	NA	cm.N
Panel nut	150	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	BERYLLIUM COPPER	GOLD 1.3 OVER COPPER 2.5	
INSULATOR	PTFE	-	
GASKET		-	
OTHERS PIECES	BRASS	BBR 2	

ISSUE	CREATION DATE	FILE PART-NUMBER
9847A00	21/05/1996	96-1000-018



RADIALL®

Connect to the future

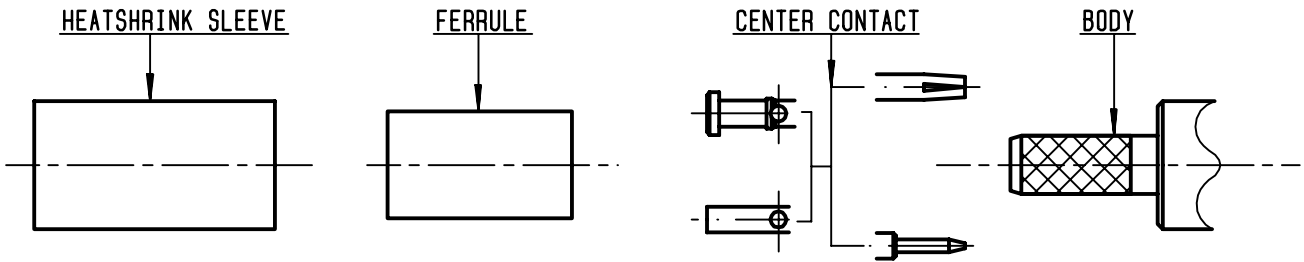
The information given here is subject to change without notice.
Design changes may be in order to improve the product .

TRIQUES



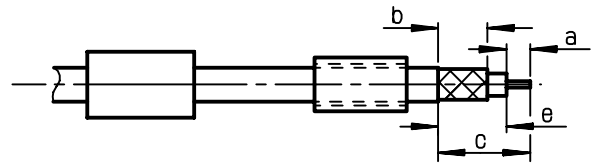
R124.314.120

ISSUE 9847A00 SERIES SMA-COM



①

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

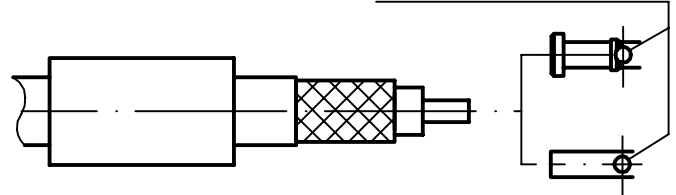


Stripping	a	b	c	d	e
inch	0.118	0.248	0.425	0	0.307
mm	3	6.3	10.8		7.8

②

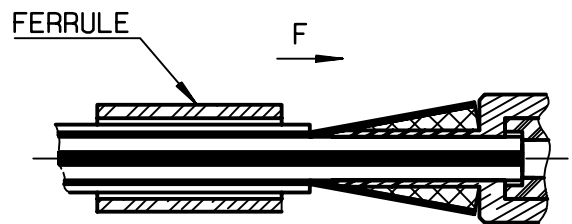
Slide center contact on until it bottoms against cable dielectric .
Solder or crimp center contact .
Crimping tool : R282.281.000 (2 x 4 pts) position 7
+ positionner R282.967.012 .

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)



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)

Shrink the heatshrink sleeve

