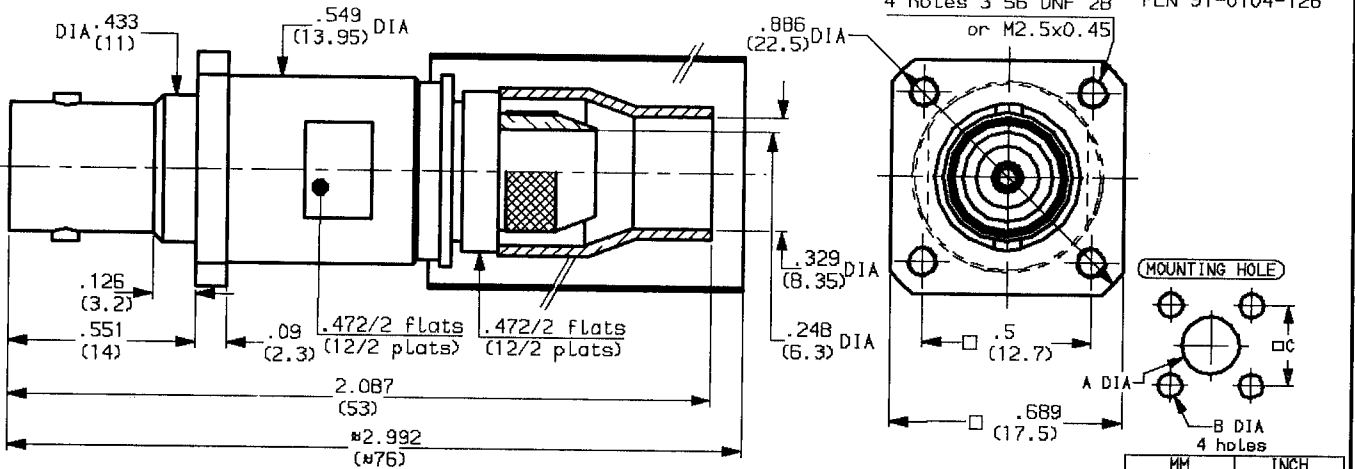


STRAIGHT FLANGE CABLE JACK-CRIMP TYPE
CABLE 8.07/50

4 holes 3 56 UNF 2B PEN 91-0104-126
or M2.5x0.45



WEIGHT oz (g) CABLES : Filotex 50 M FC FB-Fileca F1703/94

	MM		INCH	
	mini	maxi	mini	maxi
A	11.2	11.3	.441	.445
B	2.6	2.7	.102	.106
C	12.65	12.75	.498	.502

CHARACTERISTICS

NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-4 GHz
TEMPERATURE RATING	-65/+165 °C
VSWR	AD Max
RF INSERTION LOSS	AD \sqrt{F} dB Maxi
VOLTAGE RATING	500 Vrms Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1500 Vrms mini
INSULATION RESISTANCE	5000 M Ω mini
HERMETIC SEAL	NA cc/s Atm.cm3/s
LEAKAGE (pressurized only)	NA psi MPa
-	-
-	-

STANDARDISATION	CECC	22120/BNC
	CEI	169-B/BNC
	MIL	STD348-301/BNC
	NF	C93-564/KBN

CABLE RETENTION	40.5 Lb mini 180 N
CENTER CONTACT RETENTION	
Axial force - mating end	6.075 Lb mini 27 N
Axial force - opposite end	6.075 Lb mini 27 N
Torque (Min)	NA Inch.oz cm.N
RECOMMENDED TORQUES	
Mating	NA inch.Lb cm.N
Panel nut	NA Inch.Lb cm.N
Clamp nut	32.782 inch.Lb 370 cm.N

CONSTRUCTION

CONNECTOR PARTS	MATERIALS	FINISH
BODY	BRASS	NICKEL
OUTER CONTACT	BRASS	NICKEL
CENTER CONTACT	BERYLLIUM COPPER	GOLD
INSULATORS	PTFE	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

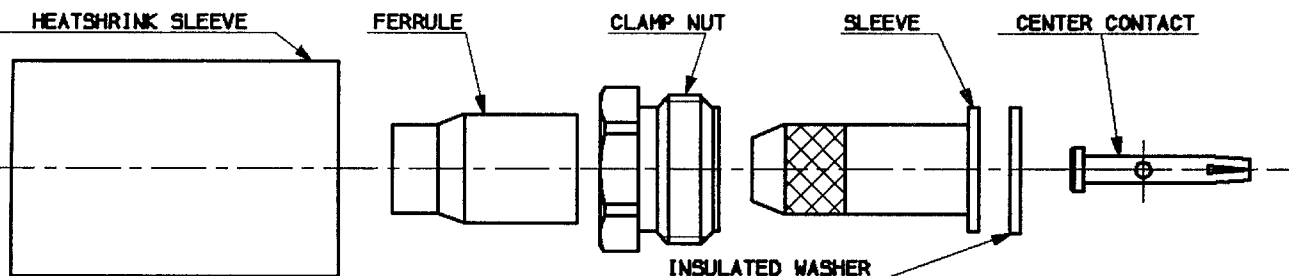
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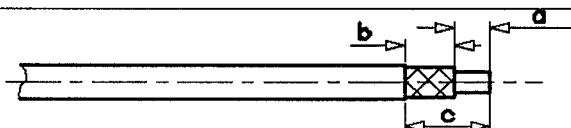


STRAIGHT FLANGE CABLE JACK-CRIMP TYPE
CABLE 8.07/50



① 1-1 Slide onto the cable the ferrule and the heatshrink sleeve .

For the cable FILECA 1703/94 remove the KA ribbon between two braids



Stripping	a	b	c	d	e
Inch	.709	.354	1.06	-	-
mm	18	9	27	-	-

② 2-1 Mount the back nut onto the crimping sleeve .

2-2 Mount the sub-assembly under the braid until it stops .

2-3 Push the crimping ferrule until it stops against the back nut .

2-4 Crimp the ferrule Hex .429 lg .4 tool M22520/5-01 (R282 293 000) dies M22520/5-61 (R282 247 000)

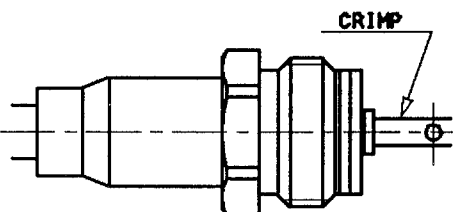
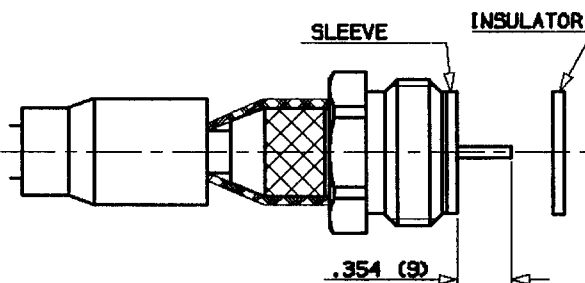
2-5 Cut the dielectric flush to the back nut with blade .

2-6 Mount the PTFE against the back nut .

2-7 Mount center contact against the insulator

2-8 Crimp the center contact tools M22520/1-01

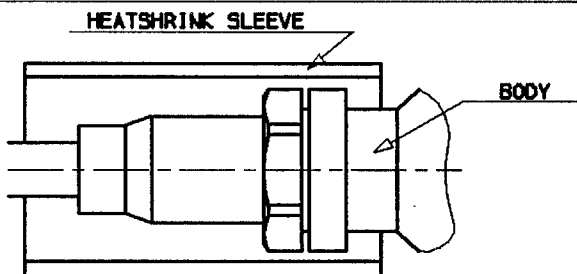
position 8 tools (R282 291 000) + positionner M22520/1-13 (R282 997 000) the red position



③ 3-1 Mount the whole sub assembly into the main body and screw the back nut .

tightening torque: 81.50 inch.Lb tool: spanner .47 A/F

3-2 Slide heatshrinkable sleeve over ferrule and heatshrink it in place 135/250 °C



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