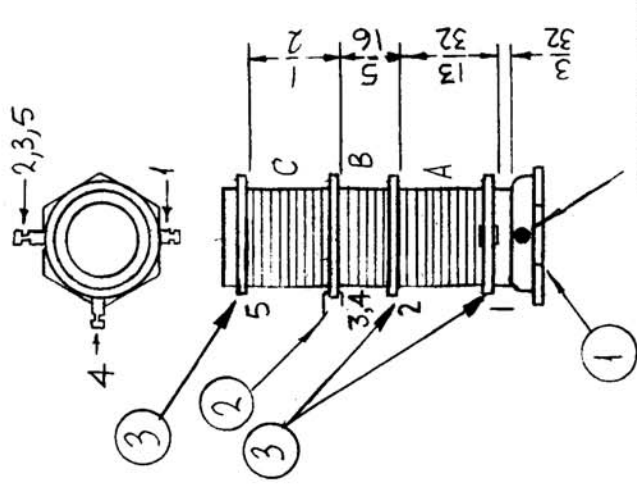


SCHEMATIC
13 1/2 T. 8 T. 6 3/4 T.
I A 2 B 3 4 C 5



NOTE:
- SINGLE LAYER CLOSE WOUND,
- WINDING, ALL SAME DIRECTION,
- APPLY ITEM 6 AFTER FINISHING.

REQ. PER UNIT	MODEL	USED ON	CL 409 C
1	T LAA-2.5K	ASBY. NO.	A5498
		DATE	8-23-66

PROCEDURE:

- A - WIND 13-1/2 TURNS OF ITEM 4 & SECURE TO ITEM 3 WITH ITEM 7.
- B - WIND 8 TURNS OF ITEM 4 & SECURE TO ITEM 3 WITH ITEM 7.
- C - WIND 6-3/4 TURNS OF ITEM 5 & SECURE TO ITEM 2 WITH ITEM 7.

ELECT SPECS: (ALL VALUES OF "L" & "Q" ± 10%)

- A - L = 2.1 μH Q = 76, TEST FREQ. 7.9 Mc.
- B - L = 1.2 μH Q = 89, TEST FREQ. 25 Mc.
- C - L = 0.52 μH Q = 163, TEST FREQ. 25 Mc, TEST EQUIP., BOOTON "Q" METER MODEL 260A OR EQUIV.

X 7	BS100	SOLDER TIN ALLOY			
X 6	GL104-2	INSULEX U85			
X 5	WI123-17	WIRE ELECT. MAG. HT.			
X 4	WI123-23	WIRE ELECT. MAG. HT.			
3	TE14G-1	TERMINAL, LUG, COLLAR			
2	TE14G-2A	TERMINAL, LUG, COLLAR			
1	CF 138	FORM, COIL			
REQ. ITEM	PART NO.	DESCRIPTION	SK3138-009-CL2	SYMBOL	
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
		PLATE COIL, 2ND AMPL			
		MATERIAL			
		TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
					FINAL APPROVAL
					CL409 C

C	B-1 WAS 9 TURNS	12-19-67	18677	H.B.	F.B. MAR
B	C WAS 7-3/4, L = 0.68 μH, Q = 125 TEST EQUIP ADDED	4-19-67	18128	L.A.K.	
A	COMP. REVISED	2-16-67	17799	RME	
X1	ORIGINAL RELEASE FOR PRODUCTION DIM. ADDED, IT 2 WAS TE 14G-4 PROCEDURE 'A' WAS 15 1/2 TURNS	11.11.66		WTD	
X	EXP. RELEASE	9-15-66	X1		
		8-22-66	X		
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISH	SCALE	1:1		
DECIMALS	FRACTIONS	TOLERANCES	CODE		
.X ± .05	± 1/64	± .005	A		
.XX ± .01	ANGLES	± 0° 30'			
.XXX ± .005					