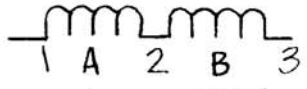
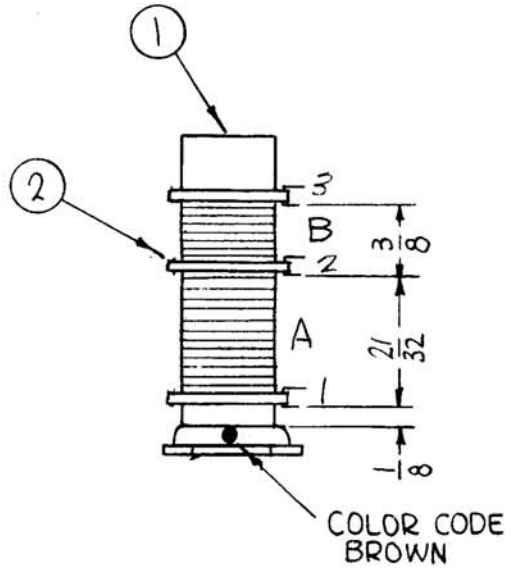
REQ. PER UNIT	USED ON			CL407	A
	MODEL	ASS'Y. NO.	DATE		
1	TLAA-2.5K	A5498	8-22-66		

SCHEMATIC





PROCEDURE:

A~ WIND 60 TURNS OF ITEM 3 & SECURE TO ITEM 2 WITH ITEM 5.

B~ WIND 30 TURNS OF ITEM 3 & SECURE TO ITEM 2 WITH ITEM 5.

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

A~ $L = 2.9\ \mu H$ $Q = 83$ TEST FREQ 2.5 MHZ

B~ $L = 1.14\ \mu H$ $Q = 67$ TEST FREQ 2.5 MHZ

NOTE:

- SINGLE LAYER CLOSE WOUND
- WINDING: ALL SAME DIRECTION
- APPLY ITEM 4 AFTER FINISHING

X	5	BS100	SOLDER, TIN ALLOY
X	4	GL104-2	INSULEX U-85
X	3	WI123-32	WIRE, ELECT, MAG. HT
3	2	TE146-1	TERMINAL LUG, COLLAR
1	1	CF138	FORM, COIL

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	ELEC. SPECS: "A" WAS 2-3 MHZ "B" WAS 3-4 MHZ	1-26-67	17717	WHW		
Q	ORIGINAL RELEASE FOR PRODUCTION	11-11-66	---	WHW		
X1	DIM. ADDED, 17.2 WAS TE146-4	9-15-66	X1			
X	EXP. RELEASE	8-22-66	X			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

SCALE 1:1

TOLERANCES: DECIMALS .X ±.05, .XX ±.01, .XXX ±.005; FRACTIONS ± 1/64; ANGLES ± 0° 30'

CODE X

REQ.	ITEM	PART NO.

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC.

FINISH & SPEC. NO.

F. BUDETTI DESCRIPTION SK3138-009-CL1 SYMBOL

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

PLATE COIL, 2ND AMPL

DRAWN | CHECKED | FINAL APPROVAL

ELEC. DES. APP. | MECH. DES. APP.

CL407 A

M/L

TMC FORM 108-A

REPROVEL NO. 440H

23845