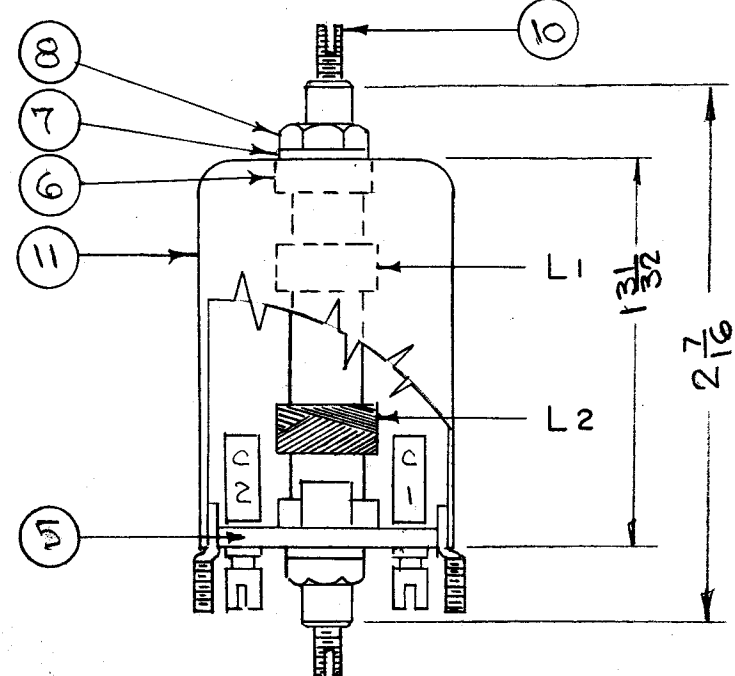
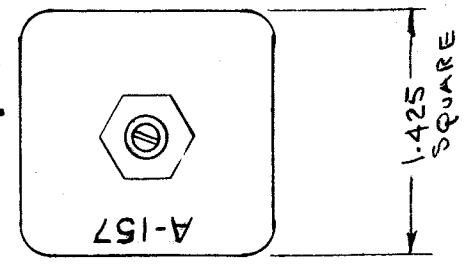


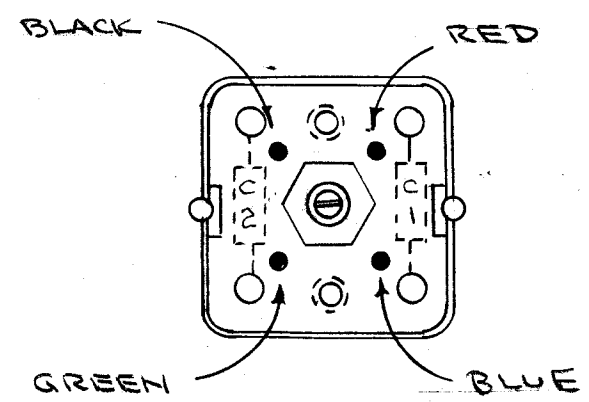
A-157

STAMP AS SHOWN, 1/8 HIGH BLACK GOTHIC.

STAMP TMC
INSIGNIA ON
SIDE OF CAN.



CEMENT COIL TO BUSHINGS (SM-110)
WITH ITEM 3.



COLOR CODE TERMINAL BOARD AS ABOVE.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
V	2	ON NOTE TOL. WAS ±1/64	11.2.64	12830	JWB	[Signature]	[Signature]
U	1	IT. 6 WAS SM-145					
U	2	Q WAS 82 OR GREATER	9.16.64	12325	JWB	[Signature]	[Signature]
T	1	L WAS 157 μH (142 TO 172 μH)	8-27-63	8113	[Signature]	[Signature]	[Signature]
S	1	ITEM (5) WAS A-1004	5-9-63	8965	[Signature]	[Signature]	[Signature]
S	2	DIM 1 13/32 WAS 2 7/8					
R	1	DIMS 1 3/4 WAS 1 7/8, 2 3/4 WAS 2 3/8	2-11-63	8252	[Signature]	[Signature]	[Signature]
R	1	ITEM (9) WAS A-131					
R	1	ON PICTORIAL DIM. 2 1/8 WAS 2 3/32					

TOLERANCES	SCALE:
DEC. DIM. ±	1
FRAC. DIM. ± 1/64	3
ANGULAR DIM. ±	

COIL MACHINE DATA

CAM GEAR 105
DRIVER GEAR 69
CAM .250

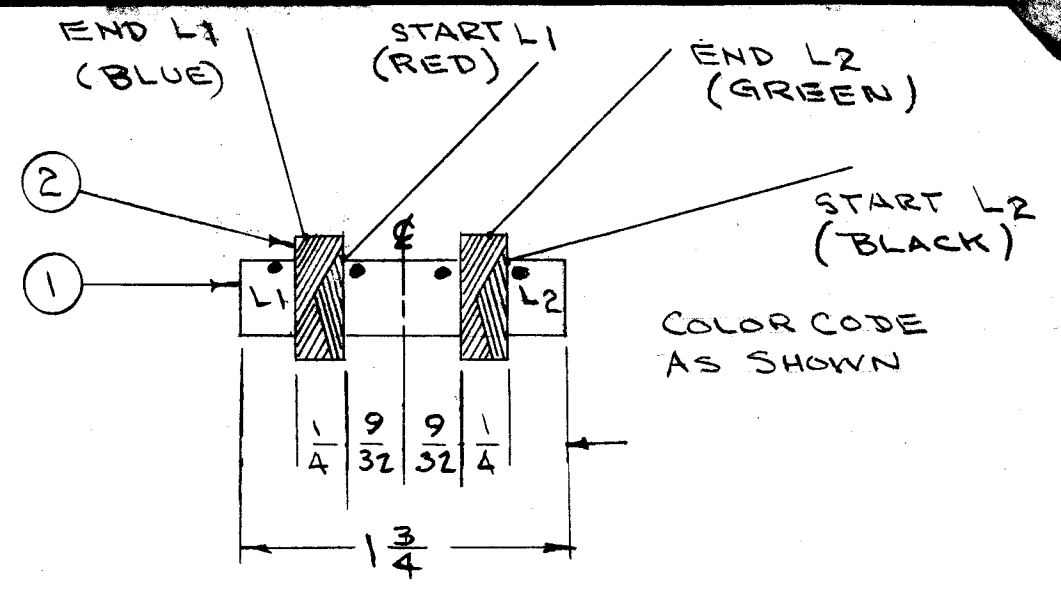
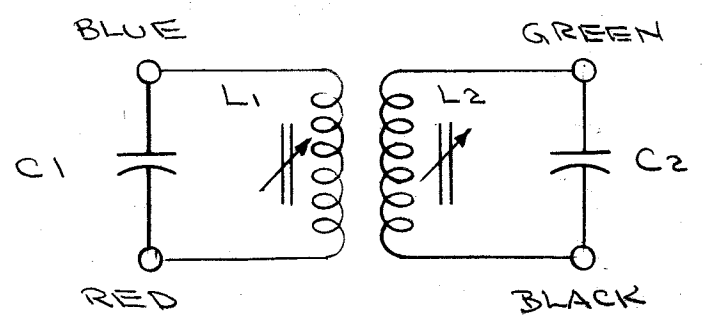
WINDING DATA

- 1-2 PI 125 TURNS EACH OF ITEM 2. UNIVERSAL WINDING SPACED AS SHOWN. LEADS APPROX. 3".
- 2- STAKE LEADS TO COIL FORM WITH ITEM 3.
- 3- BAKE FOR 1/2 HOUR AT 215° F.
- 4- SATURATE COIL WITH ITEM 4.
- 5- BAKE FOR 1 HOUR AT 215° F.
- 6- TEST AS BELOW.
- 7- ASSEMBLE AS SHOWN AT LEFT.

TEST DATA

Q - 90 OR GREATER
L - 160 μH (155 TO 165 μH) } EA. PI
F - 190 KC
USE SIMPSON Q METER 160A OR EQUIVALENT

CIRCUIT APPLICATION - INTERSTAGE



NOTE: TOL. +0 ON ALL DIM.
-1/64

2	14	NTH0632BN8	NUT, HEX.
X	13	BS-100	SOLDER, SOFT
2	12	CM20D62IG	CAPACITOR, FIXED C1 & C2
1	11	A-136	I.F. CAN ASSY.
2	10	CI-109-18	CORE
7	9	DELETED	
2	8	NT-102	NUT, HEX
2	7	LWI25LRN	WASHER, LOCK
2	6	SM-145-2	BUSHING, COIL MOUNTING.
1	5	A-131	IF TERM. BD. ASSY.
X	4	GL-104-2	INSULEX, U85
X	3	GL-103	CEMENT, DUCO
X	2	WI-104-541-DSQS	WIRE, LITZ
1	1	CF-100	COIL FORM

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP.			
STOCK SIZE			
MATERIAL			
I.F. TRANSFORMER ASSY.			
455 KC.			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		[Signature]	[Signature]
		A. J. J.	
		FINAL APPROVAL	
		A-157	

REQ. PER UNIT	MODEL	PROJECT NO.	ASSY. NO.	DATE
1	FFRD-5,6,7,8	104		9-11-52
3	FFR	104	A-258	9-11-52