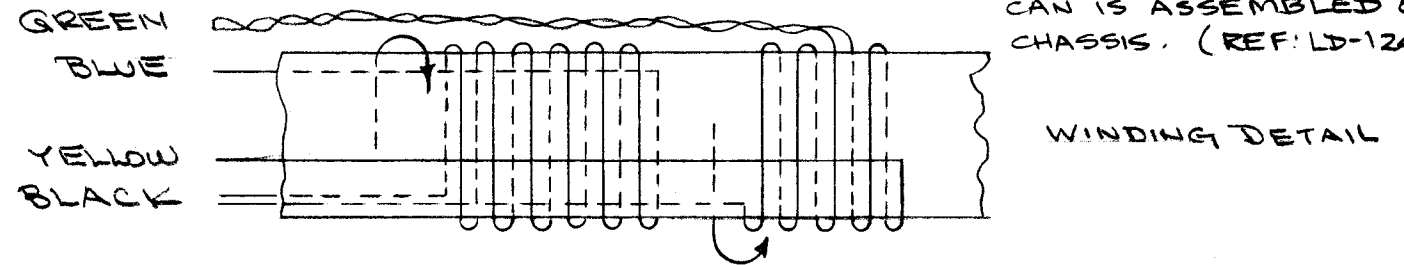


WINDING DATA

- 1- PRIMARY - STARTING AT BLACK LUG, 6 1/4 TURNS OF ITEM 2 ENDING AT BLUE LUG. (CLOSE WOUND). (SEE DETAIL)
- 2- SECONDARY - STARTING AT BLACK LUG, 5 1/4 TURNS OF ITEM 3 ENDING AT YELLOW LUG. TAP TO GREEN LUG AT 3 1/2 TURNS FROM START. (CLOSE WOUND). (SEE DETAIL)
- 3- STAKE LEADS TO COIL FORM WITH ITEM 4.
- 4- BAKE FOR 1/2 HOUR AT 215° F.
- 5- SATURATE COILS WITH ITEM 5 (Q MAX).
- 6- BAKE FOR 1/2 HOUR AT 215° F.
- 7- REPEAT STEPS 5 AND 6.
- 8- STRIP, TIN AND SOLDER CONNECT LEADS AS ABOVE.

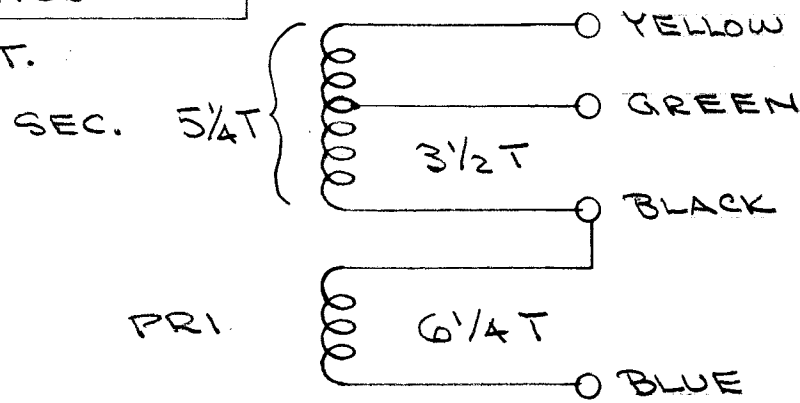


NOTE DIRECTION OF WINDING AS SHOWN ABOVE

TEST DATA (SEE ABOVE FOR CORE POSITION)
TEST LEADS 1/4" APPROX. NO CAN NEEDED FOR TEST.

	PRIMARY		SECONDARY	
	BLACK/BLUE	BLACK/YELLOW	BLACK/YELLOW	BLACK/GREEN
L μh	1.0 (.95 - 1.05)	0.57 (.545 - .595)	0.32 (.305 - .335)	
Q	100 OR GREATER	135 OR GREATER	100 OR GREATER	
F	25 MCS	25 MCS	25 MCS	

USE BOONTON Q METER 160 A OR EQUIVALENT.



FREQ. RANGE - 16.455 TO 32.455 M.C.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 12	BS-100	SOLDER, SOFT	
1 11	SP-102	SPRING LOCK P/O CF-114	
1 10	NT-102	NUT, HEX P/O CF-114	
1 9	LWI25LRC	WASHER, LOCK P/O CF-114	
1 8	CI-109-19	CORE	
1 7	A-173	CAN ASSEMBLY	
1 6	TE-146-4	COLLAR & LUGS	
X 5	GL-102	Q MAX A-27	
X 4	GL-103	CEMENT, "DURO"	
X 3	WI-102-6-0	WIRE, #24 SCE	
X 2	WI-107-13	WIRE, #32 DSC	
1 1	CF-114-3	COIL FORM	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	COMPLETE REVISION SUPERCEDES A-174	10/8/56	2	CDK	P.L.K.	A.J.J.

TOLERANCES: DEC. DIM. ±, FRAC. DIM. ±, ANGULAR DIM. ±

SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	FFRD-8	104	A-327	10-8-56

USED ON

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
TRANSFORMER ASSY. OSCILLATOR, T80A, BAND B			
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		CDK 10/8/56	A.J.J.
		P.L.K.	
			A-175
			B