IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

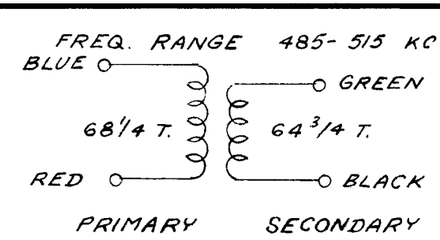
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

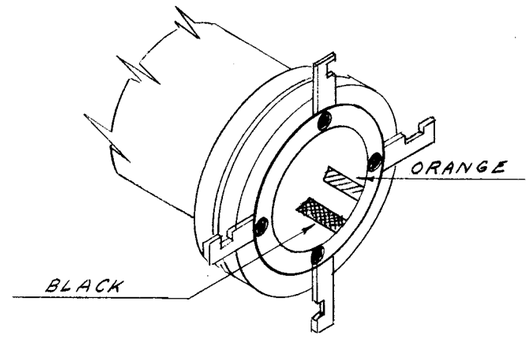
PRIMARY
LUGS - BLUE - RED
L. - 100 μh (93 - 107)
Q. - 50
F. - 2.5 M.C.

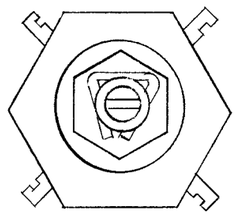
SECONDARY
LUGS - GREEN - BLACK
L. - 90 μh (85 - 95)
Q. - 50
F. - 2.5 M.C.

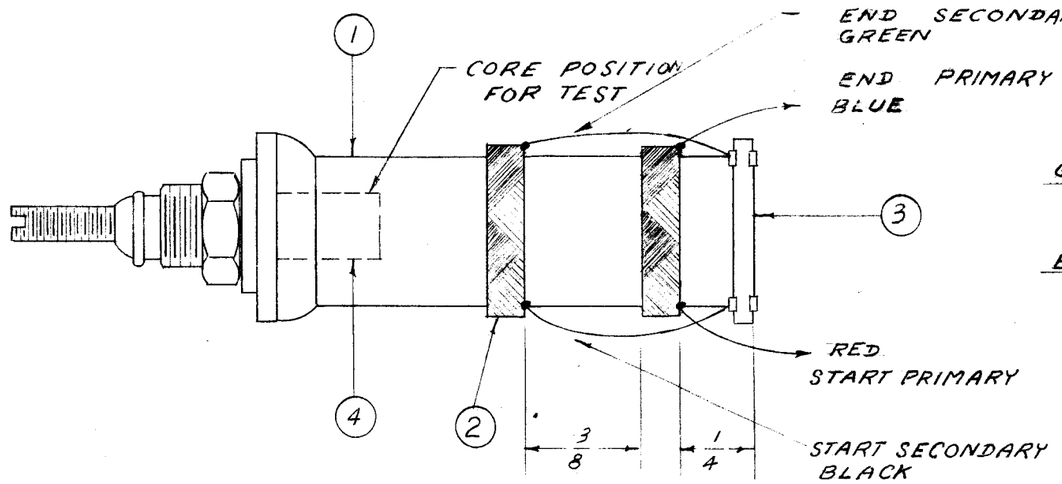
B

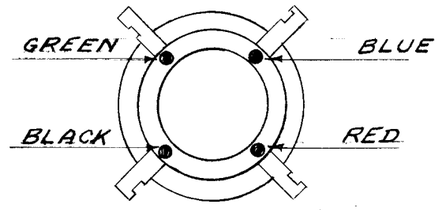
A-930











COLOR CODE AS SHOWN

WINDING DATA UNIVERSAL WINDINGS

PRIMARY

1. START OPPOSITE RED LUG
2. WIND ON 68 1/4 TURNS
3. FINISH ON BLUE LUG

SECONDARY

1. START OPPOSITE BLACK LUG
2. WIND ON 64 3/4 TURNS
3. FINISH ON GREEN LUG

COIL MACHINE DATA

DRIVE GEAR - 95
CAM GEAR - 49
CAM - .125

NOTE: WIRE - 5/41 SNE

1. DAB ENDS OF COIL WITH DUPONT CEMENT (ITEM #6) USING ENOUGH CEMENT TO STAKE THE COIL ENDS FIRMLY TO COIL FORM.
2. BAKE FOR 1/2 hr. AT 150° F.
3. PAINT WITH Q.MAX. - A - 27 (ITEM #5)
4. BAKE FOR 1/2 hr. AT 150° F.
5. RECOAT WITH Q. MAX. A-27
6. BAKE FOR 1/2 hr. AT 100° F.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	6	GL - 103	DUPONT CEMENT	
X	5	GL - 102	Q. MAX. A-27 LACQUER	
1	4	CI-109-6	CORE	
1	3	TE-146-4	TERMINAL RING	
X	2	WI-104-541-SN-QS	WIRE LITZ 5/41 SN, QS	
1	1	CF-114-3	COIL FORM	

STOCK SIZE

MATERIAL | WEIGHT PER PC.

TYPE & TEMPER

HEAT TREAT. SPEC.

FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

MIXER TRANSFORMER

FFRD - 3M (T3)

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
PB 5-9-55	P.L.K 5-16-55	

CHECKED	FINAL APPROVAL
	G.T.O

A-930 B.

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
B		SEE EMN 10828	2/5/64	10828	A.M.	T.R.	
A	2	SEC. "L" WAS 68 μh	6/1/56	1		P.L.K	A.J.J
	1	PRIM. "L" WAS 103 μh					

TOLERANCES

ALL OTHERS: DEC. DIM. ±, FRAC. DIM. ±, ANGULAR DIM. ±

SCALE:

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	FFRD - 3M		A-1010	5-9-55

USED ON