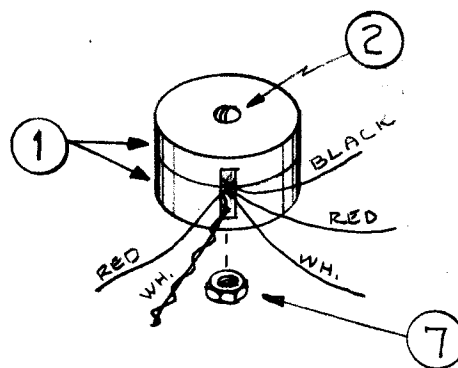


WINDING DATA

SECONDARY~ WIND SEC. CENTRALLY LOCATED ON COIL FORM WITH 230 TURNS OF #38 D.S.C. WIRE, TAP AT 113 TURN.

PRIMARY~ WIND PRI., 50 TURNS OF #38 DSC WIRE (RED-COLORED) ON TOP OF THE SEC.

NOTE: COLOR CODE SECONDARY BLACK AT FINISH OF WINDING.



ASSEMBLY

INSERT COMPLETED COIL INTO WAX POT UNTIL ALL BUBBLES CEASE.

ASSEMBLE COIL INTO FERRAMIC CORE SECURING WITH 2/56 BOLT. DO NOT APPLY TO MUCH PRESURE TO BOLT. (HAND TIGHTEN).

PRESET COIL AT 100KC WITH THE CAPACITANCE ON Q METER SET TO 300 MMFD. ADJUST FORM BY MOVING IT FROM LEFT TO RIGHT OR FROM RIGHT TO LEFT. ADJUST BOLT FOR PEAK ON Q METER AT 100 KC.

FLASH DIP THE ENTIRE COIL FOR ABOUT 2 SECONDS, TO COAT THE ENTIRE FORM WITH WAX. (GL-110).

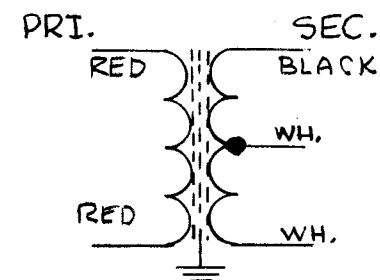
WINDING MACHINE DATA

GEARS #38 DRIVER  
#58 CAM  
#.156 CAM

**NOT TO BE RELEASED  
W/O AUTHORIZATION**

AUTH. BY.....

DATE:.....



TEST DATA

MEASURE Q SEC - >115 at 100 KC  
PRI. - >70

IND. SEC - 8 1/2 MH.  
RES - 12.5 Ω.  
PRI. - 600 MH

CAPACITANCE SEC - 300 MMF  
PRI. - 270 MMF at 400 KC.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	3	ITEM 3 WAS NTH0348BR6	8/21/61	5453	wh	RLU	
	2	ITEM 2 WAS SCBS0348BR12					
	1	ON ASS'Y, 2/56 WAS 3/48					
A	2	CHG. SEC. LEAD WH. TO BLK	8-260	2673	cy	goko	
	1	NOTE ADDED					

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

1	DVM-4	2-6-62
1	DVM-2	8-29-60
REQ. PER UNIT	MODEL	PROJECT NO.
		ASS'Y. NO.
		DATE
USED ON		

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	7	NTH0256BN6	NUT, HEXAGON DOUBLE CHAM.
X	6	GL-110	IMPREGNATING WAX
X	5	WI-107-19	DOUBLE, SILK, COVERED WIRE WHITE
X	4	WI-107-19	DOUBLE, SILK, COVERED WIRE RED
1	3	CF-130-1	FORM, COIL
1	2	SCBS0256BN12	BOLT # 2/56
2	1	CI-119-Q1-D	CUP, CORE, CENTER POST TYPE
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK. NEW YORK			
TR-161 ASSEMBLY (100 KC XTAL FILTER)			
MATERIAL		STOCK SIZE	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.

A-1928 B