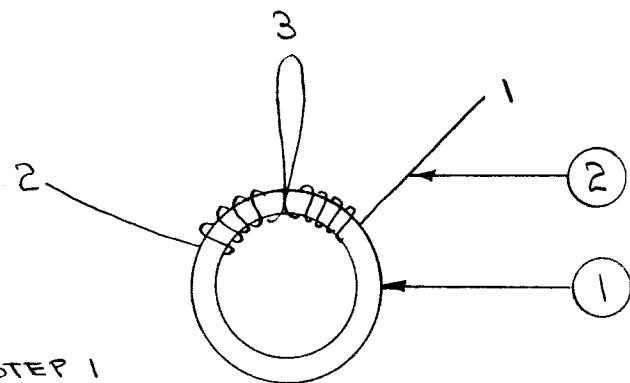


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

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

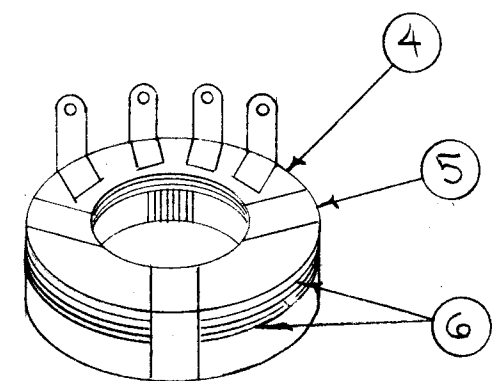
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A-166



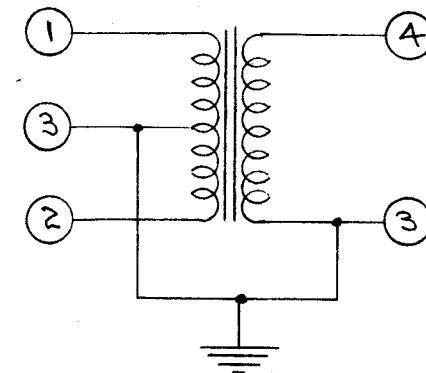
STEP 1

PRIMARY

CLOSE WIND 5 TURNS OF ITEM 2. BRING OUT CENTER TAP. CONTINUE WINDING FOR 5 MORE TURNS. ALLOW APPROX. 1" LEADS FOR COIL ENDS AND CENTER TAP. COAT COIL WITH ITEM 3 AND BAKE DRY FOR 10 MIN. AT 100°F. ALLOW TO COOL TO ROOM TEMPERATURE.

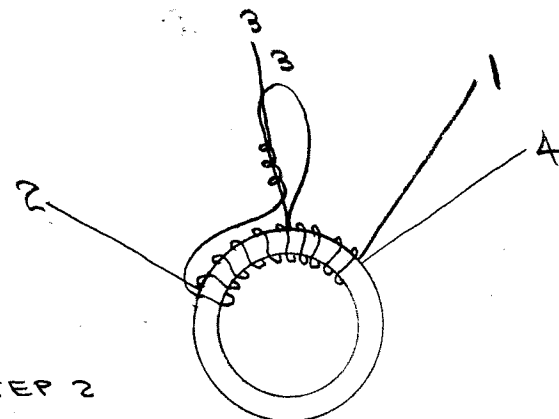


USE ONE OF ITEM 6 FLAT, FOLD OTHER IN HALF & PLACE AS SHOWN TO TAKE UP SPACE OF WIRES & TERM. CRIMP ON OTHER SIDE OF CORE



TERMINALS	PRIMARY UNBALANCED	PRIMARY BALANCED	SECONDARY UNBALANCED
1 & 3	75 ohms		
2 & 3	75 "		
1 & 2		300 ohms	
3 & 4			300 ohms

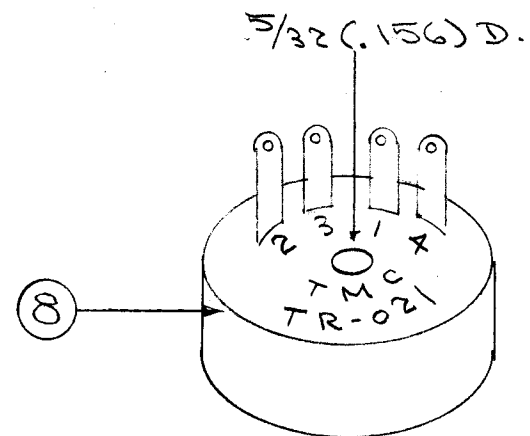
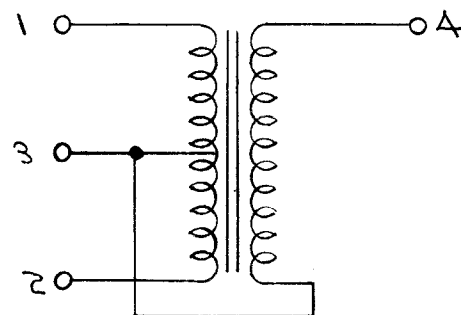
TERMINAL #3 GROUNDED



STEP 2

SECONDARY

CLOSE WIND 10 TURNS OF ITEM 2 SYMMETRICALLY OVER AND IN SAME DIRECTION AS PRIMARY. ALLOW APPROX. 1" FOR LEADS. COAT COIL WITH ITEM 3 AND BAKE DRY FOR 10 MIN. AT 100°F. ALLOW TO COOL TO ROOM TEMPERATURE. CONNECT AS ABOVE.



STAMP AS SHOWN
BLACK GOTHIC

NOTE:
TEST AS PER S-140
(TRO21 TEST SPECIFICATION)

**NOT TO BE RELEASED
W/O AUTHORIZATION**
AUTH. BY.....
DATE:.....

X	8	GL-106	COMPOUND, PLASTIC
+	7	#	DELETED
	6	IM-155	INSULATOR
X	5	TA-100-1	TAPE
	4	A-1327-4	INSULATOR SUBASSY
X	3	GL-102	Q-MAX A-27
X	2	WI-102-9	WIRE, #30 SCE
	1	CI-10A	CORE, TOROIDAL

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE		ANTENNA MATCHING TRANS.	
MATERIAL		TR-021	
WEIGHT PER PC.			
TYPE & TEMPER		CDD 7-29-55	
HEAT TREAT. SPEC.		DRAWN: <i>JAD</i> ELEC. DES. APP. <i>ORB</i> MECH. DES. APP. <i>W</i>	
FINISH & SPEC. NO.		CHECKED: <i>JAD</i> FINAL APPROVAL: <i>ORB</i>	

J	1	ITEM 4 WAS A-1065	6/21/56	9	JAD	CDD	W
H	1	ITEM 7 DELETED	8-7-55	8	CDD	JAD	W
G	1	COMPLETE REVISION	1-21-57	7	CDD	JAD	ORB

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
		TOLERANCES		SCALE:			
ALL OTHERS		DEC. DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK				
		FRAC. DIM. ±	SIZES AND MANUFACTURERS				
		ANGULAR DIM. ±	TOLERANCES ARE NOT INCLUDED.				

REQ. PER UNIT	FFR-2	PROJECT NO.	A-166	DATE	7-29-55
USED ON					