

A-2165 B

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PROCEDURE

WINDING #1

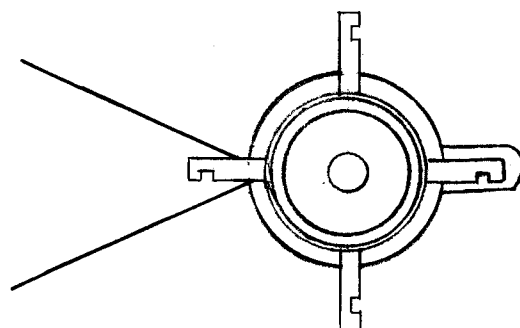
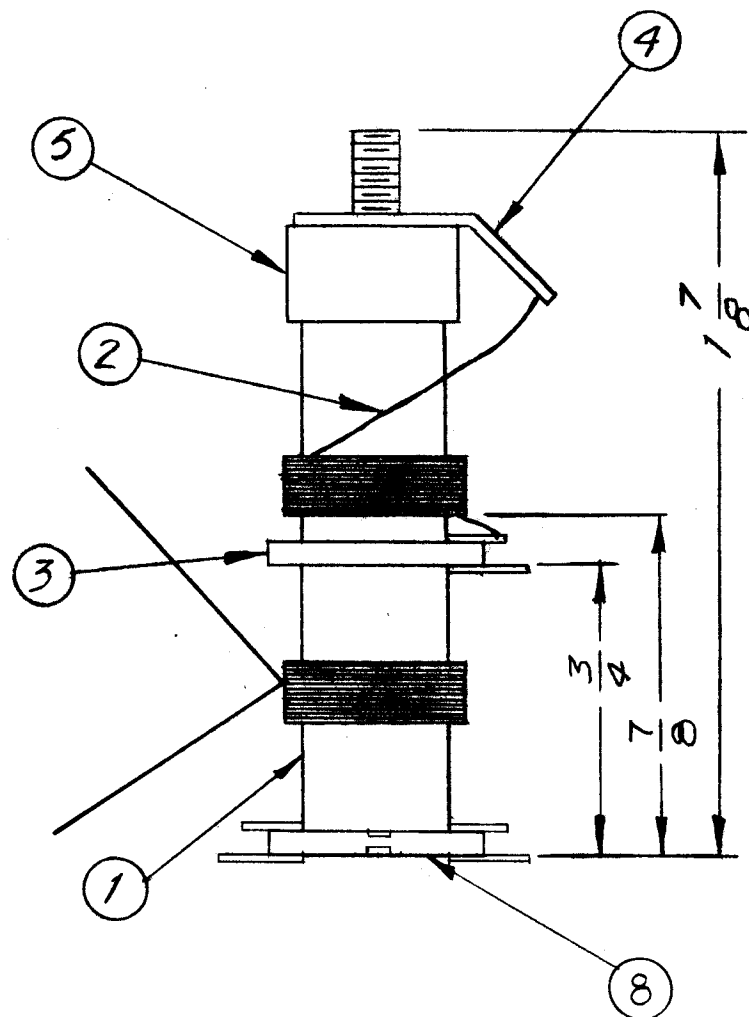
WIND 8 TURNS OF ITEM #2 CLOSEWOUND ON ITEM #1 STARTING APPROX. 5/8" FROM END. TWIST ENDS 1 1/2 TURNS AND TRIM LEADS TO 2" LONG, TINNED BACK 1 1/2"

WINDING #2

STAKE ONE END OF ITEM # 2 TO TERMINAL AND WIND 8 TURNS OF ITEM # 2. CLOSEWOUND STARTING 1/4" FROM WINDING #1 TIN REMAINING END AND PASS THROUGH HOLE OF ITEM #4 AND SECURE.

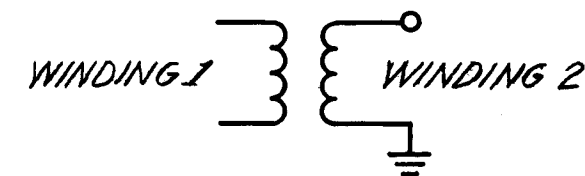
SOLDER BOTH ENDS OF WINDING # 2.

COAT ONLY WINDING #2 WITH ITEM 6. LEAVE WINDING #1 UNCOATED & FREE TO MOVE AXIALLY.



~ COIL FORM ASSEMBLY ~

~ SCHEMATIC ~



WINDING #1

.65mh ± 10%
Q min = 125 at 25mc

WINDING # 2

.60mh ± 10%
Q min = 115 at 25mc.

1	8	TE-170-4	TERMINAL, COLLAR
X	7	BS-100	SOLDER, SOFT
X	6	GL-104-2	INSULEX 85U
1	5	SM-110	COLLAR, THREADED
1	4	TE-104-5	LUG, GROUND
1	3	TE-170-1	TERMINAL, COLLAR
X	2	WI-122-22	MAGNET WIRE FORMVAR #22
1	1	CF-117-1.5	COIL FORM, PHENOLIC

REQ. ITEM	PART NO.	J. STRUMMER DESCRIPTION	SYMBOL
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STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		AT-104 ASS'Y (44MC IF AMPLIFIER TANK COIL)	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.	ELC. DES. APP.	MECH. DES. APP.	FINAL APPROVAL

B	DELE. 5/16 & 1/4 DIM. ADD. 7/8 DIM.	7-13-66	16531	NLA	WLA	WLA
A	REVISED & REDRAWN FROM @ SIZE	11-22-61	5937	WLA	WLA	WLA
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°

SCALE: DO NOT SCALE
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

2	HFS-1	3500		8-15-62
REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
USED ON				