

A-1251 B

WINDING MACHINE DATA

CAM GEAR - 99
 DRIVER GEAR - 48
 CAM - .250

ASSEMBLY

ASSEMBLE ACCORDING TO SPEC. 9-274.

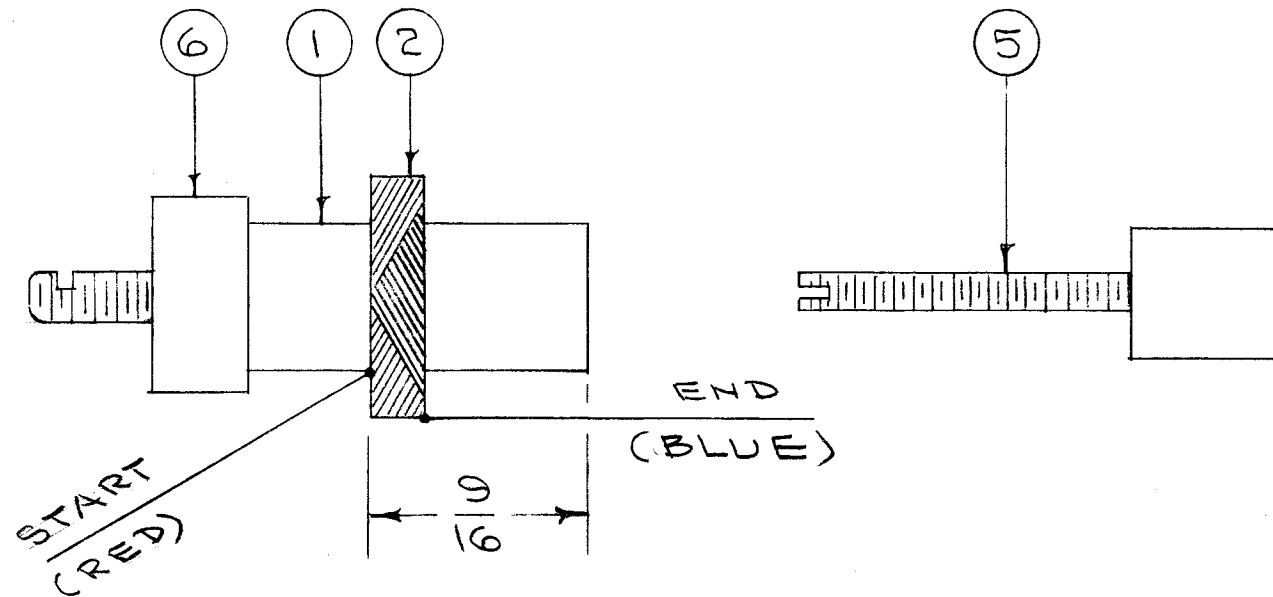
WINDING PROCEDURE (UNIVERSAL)

- STARTING 9/16 FROM END SHOWN, WIND ON 105 TURNS OF ITEM 2.
- STAKE COIL ENDS WITH ITEM 4.
- BAKE FOR 1/2 HR. AT 215°F. SATURATE COIL WITH ITEM 5.
- AIR DRY FOR 10 MIN. BAKE FOR 2 HRS. AT 215°F.
- LEADS TO BE APPROX. 2" LONG.

TEST (w/o CORE)

- USE BOONTON Q METER 160-A OR EQUIVALENT.
- TEST LEADS TO BE 1 1/2" LONG.
- L - 105 μh (99 - III)
- F - 790 KC
- Q - > 80

COLORS SHOWN REFER TO TERMINAL BOARD COLOR CODE. (SEE DWG. NO. PX-335)

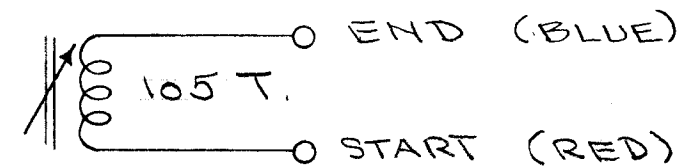


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 MAMARONECK, NEW YORK



| REQ. | ITEM | PART NO. | DESCRIPTION | SYMBOL |
|---|------|-------------------|-----------------|---------|
| 1 | 6 | SM-110 | BUSHING | |
| 1 | 5 | CI-109-11 | CORE | |
| X | 4 | GL-103 | CEMENT | |
| X | 3 | GL-104-2 | INSULEX, U-85 | |
| X | 2 | WI-104-541-DSQS | WIRE, MAGNET | |
| 1 | 1 | CF-117-1.0 | COIL FORM | |
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| COIL ASSY., XTAL FILTER. | | | | |
| OUTPUT TANK | | | | |
| DRAWN: P.L.K. 3-27-56 CHECKED: [Signature] FINAL APPROVAL: A.J.J. | | | | |
| TYPE & TEMPER | | HEAT TREAT. SPEC. | DRAWN | CHECKED |
| FINISH & SPEC. NO. | | ELEC. DES. APP. | MECH. DES. APP. | |

| ISSUE | ITEM | CHANGED FROM | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
|-------|------|----------------------|----------|---------|--------|-------------|-------------|
| B | 1 | "END" LEAD WAS GREEN | 12/27/56 | 2 | 6 | [Signature] | [Signature] |
| A | 1 | Test data chgd | 9/14/56 | 1 | 1 | [Signature] | [Signature] |

| | |
|----------------|--|
| 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 | FFRD-1,2,3 | E-458-P | A-1252 | 3-16-56 |
| REQ. PER UNIT | MODEL | PROJECT NO. | ASS'Y. NO. | DATE |
| USED ON | | | | |