

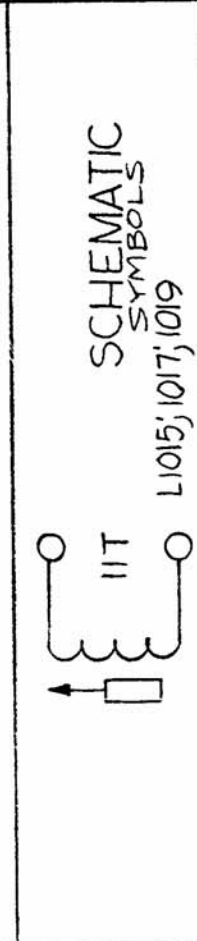
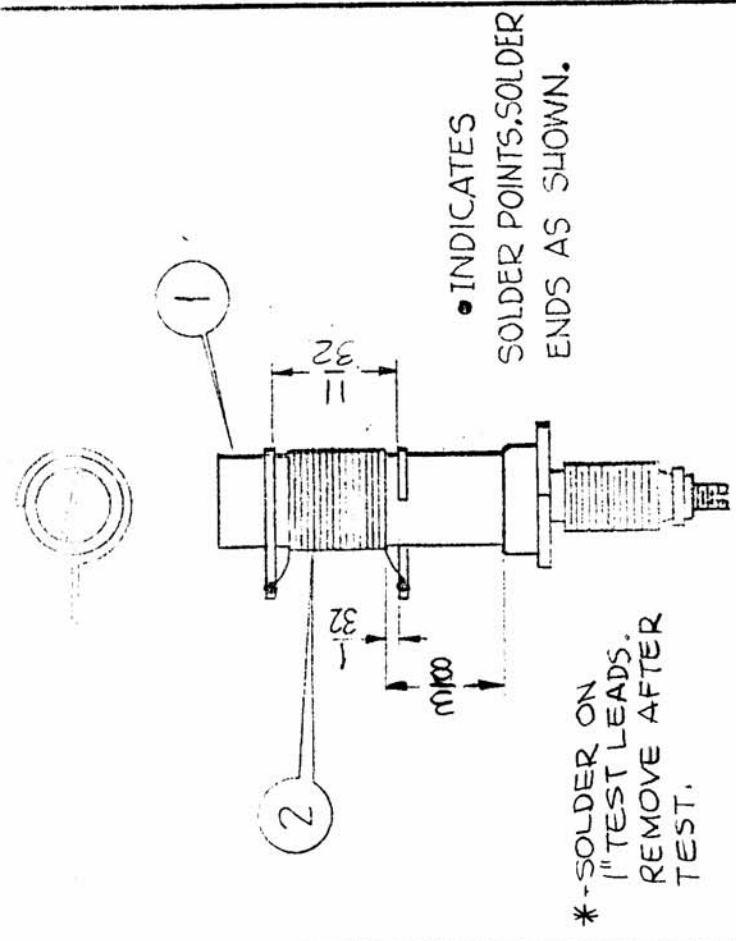
OF THE TECHNICAL MATERIAL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

WINDING PROCEDURE

1. Secure Terminals to coil form with Q-Max. Close wound.
2. Wind 11 turns on coil form, Single layer
3. Stake wire ends to coil form with Q-Max.
4. Strip ends wrap around terminals and solder.
5. Bake for 1/2 Hour @ 215°F. to remove moisture.
6. Coat Coil with Q-Max. and Bake for 1/2 Hour @ 215°F.

*** TEST SPECIFICATION**

TEST FREQ. = 25 MC
 MAX. IND = 1.3 μ h REF.
 MIN. IND = 0.6 μ h REF.
 Q = 70 MIN @ MIN IND.



| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-----------|------------|------------------------|--------|
| X 4 | GL-102 | Q-Max. | |
| X 3 | BS-100 | Solder, Soft | |
| X 2 | WI-122-24 | Wire, Magnet #24 | |
| 1 | CF-134-5-E | Form, Coil, Slug Tuned | |

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| THE TECHNICAL MATERIAL CORP. MAMARONECK, NEW YORK |
| AC-165 ASS'Y. (COIL, RF TUNED) |
| DR. <i>[Signature]</i> BP |
| DRAWN: ANGEX CHECKED: ANGEX |
| FINAL APPROVAL: A 2493 |
| ELEC. DES. APP. MECH. DES. APP. |

| SYM | DESCRIPTION | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
|-----|---|----------|---------|--------------------|--------------------|--------------------|
| C | * NOTE ADDED | 10-3-66 | 16958 | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> |
| B | 3/8 DIA. WAS 5/16 TEST SPEC. CUMBER | 5/25/66 | 14140 | CJL | <i>[Signature]</i> | <i>[Signature]</i> |
| A | SYMBOLS L1028, L1033 DELETED ASSEMBLY NO. ADDED | 12-28-67 | 7698 | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> |

SCALE: _____

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

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