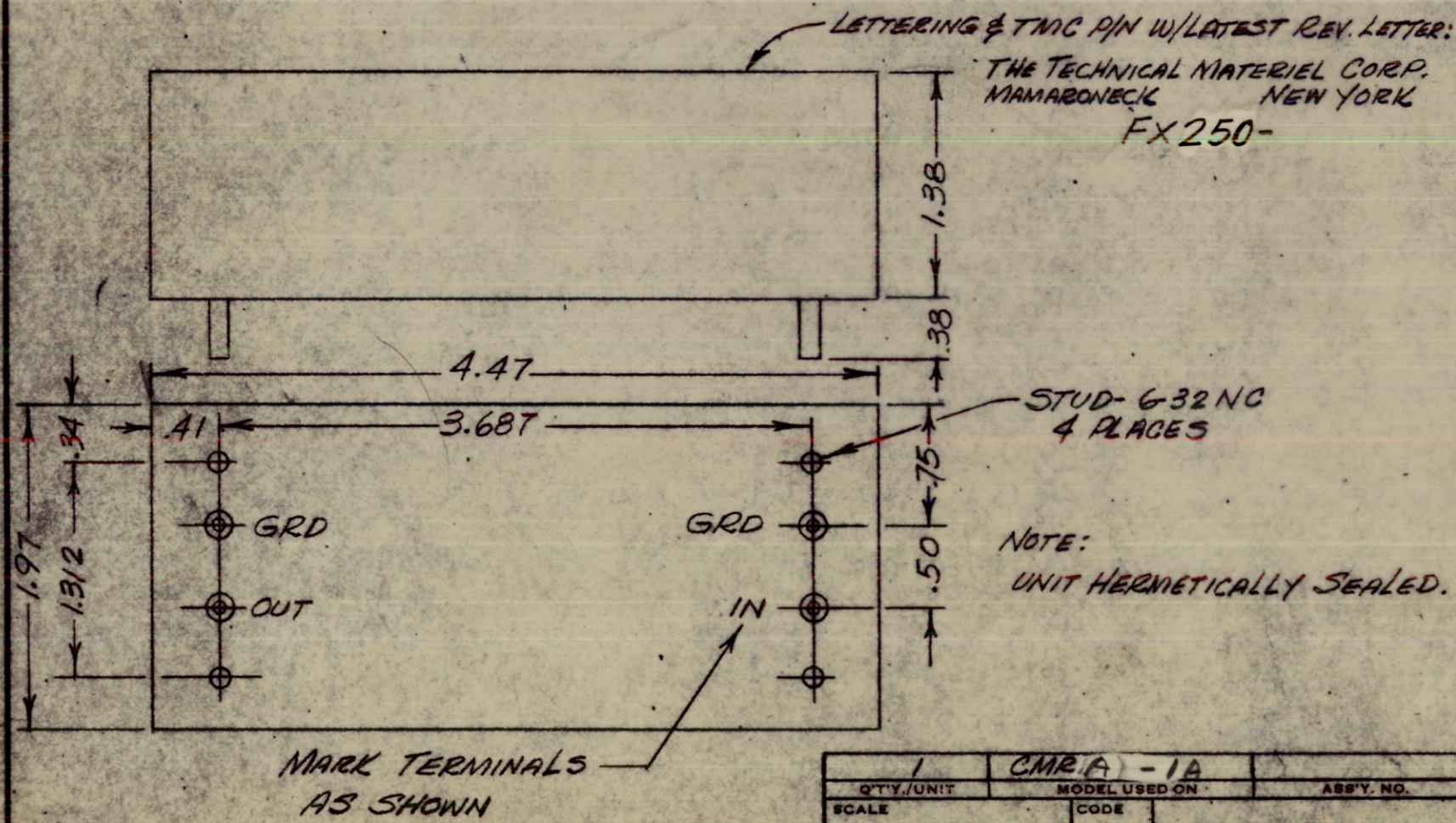


| REVISIONS | | | | | |
|-----------|---------------------------|----------|------------|-------|-----------|
| SYM | DESCRIPTION | DATE | E.M.N. NO. | DRAFT | CHKD APPD |
| Ø | ORIGINAL RELEASE FOR PROD | 12/20/65 | | | FLD MAM |

- FX 250**
1. TYPE: LOWER SIDEBAND
 2. DB MEASUREMENTS: ALL DB MEASUREMENTS ARE RELATIVE TO MAXIMUM SIGNAL RESPONSE IN THE PASS BAND.
 3. CARRIER FREQUENCY: 1750 KCS
 4. CARRIER SUPPRESSION: AT LEAST 55 DB
 5. -1DB POINTS: NOT HIGHER THAN 1743.920 KCS AND NOT LOWER THAN 1749.750 KCS
 6. -60 DB POINTS: NOT LOWER THAN 1743.500 KCS & NOT HIGHER THAN 1750.020 KCS.
 7. INSERTION LOSS: 6 DB MAX.
 8. INPUT IMPEDANCE: 500 OHMS
 9. OUTPUT IMPEDANCE: 500 OHMS
 10. MAXIMUM PASSBAND RIPPLE VS TEMPERATURE:
 - 1DB FROM +15° TO +55°c
 - 1.5DB FROM -30° TO +15°c
 - 2.0DB FROM -40° TO -30°c

NOTE: CHANNEL DESIGNATION REFERS TO 1.75 mcs. FURTHER SIDEBAND INVERSIONS MUST BE TAKEN INTO ACCOUNT IN DETERMINING THE FINAL CHANNEL DESIGNATION.

MARKING PROCESS: AS PER TMC SPECIFICATION S-727.
LETTERING: 1/8 HIGH BLACK GOTHIC, LOCATED AS SHOWN.



MARK TERMINALS AS SHOWN

| | | |
|------------|---------------|------------|
| 1 | CMP A - 1A | |
| Q'TY./UNIT | MODEL USED ON | ASS'Y. NO. |
| SCALE -# | CODE | |

NOTES

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

| REQ'D. | ITEM | PART NUMBER | DESCRIPTION | SYMBOL |
|---|------|-------------|--|------------------|
| POSE LIST OF MATERIAL | | | | |
| MATERIAL | | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| FINISH | | | TITLE BANDPASS FILTER, CHANNEL B | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | | DRAWN H. RUSTIN | DATE 12-7-65 |
| DECIMALS X ± .05 XX ± .01 XXX ± .005 | | | CHECKED JHL | DATE 12/18/65 |
| FRACTIONS ± 1/64 ANGLES ± 0° 30' | | | ELECT. DES. | DATE |
| TOLERANCES | | | MECH. DES. | DATE 12/20/65 |
| | | | FINAL APPROVAL JHL MAM FX 250 | |
| | | | DATE 12/20/65 | |
| | | | SHEET | |
| | | | REV. LTR. | |