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|       |                 |         |
|-------|-----------------|---------|
| SCALE | SHEET           | OF      |
| SIZE  | CODE IDENT. NO. | DWG NO. |
| A     | 82679           | FX 289  |
| ISSUE | △               |         |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

| REQD ITEM      | PART NUMBER      | DESCRIPTION  | SYM. |
|----------------|------------------|--|------|
| POST           | LIST OF MATERIAL |  |      |
| FINAL APPROVAL | DATE             | THE TECHNICAL MATERIEL CORP.<br>MAMARONECK, NEW YORK |      |
| MECH. DES.     | DATE             |  |      |
| ELECT. DES.    | DATE             |  |      |
| CHECKED        | DATE             | FILTER, CERAMIC, 455 KHZ                             |      |
| DRAWN          | DATE             |  |      |
| S401-368       |                  |  |      |



\* STABILITY: WITHIN +0.2% FOR 5 YRS  
 WITHIN 0.2% -20 TO +65°C.  
 \*\* MAXIMUM RATINGS: 100 VOLTS DC 5 mA DC 4 OHMS DC  
 TERMINALS: #2 SIGNAL INPUT  
 #4 SIGNAL OUTPUT  
 #1 ISOLATED INPUT,  
 CONNECTS TO COLLECTOR OR PLATE SUPPLY  
 #3 FILTER AND CASE GRD EXTERNAL AC GRD PATH  
 REQUIRED BETWEEN 1 & 3

| TMC P/N | MFG NUMBER  | * CENTER FREQUENCY | BANDWIDTH | LOSS | INSERTION | STOPBAND REJECTION | IMPEDANCE |
|---------|-------------|--------------------|-----------|------|-----------|--------------------|-----------|
| FX289-1 | TCF4-4D10A  | 455KHZ ±1.0        | 4KHZ      | 10DB | 60DB      | 40                 | IN** OUT  |
| -2      | TCF4-8D20A  | 455KHZ ±1.0        | 8KHZ      | 8DB  | 60DB      | 40                 |           |
| -3      | TCF4-12D36A | 455KHZ ±1.0        | 12KHZ     | 6DB  | 60DB      | 40                 |           |
| -4      | TCF4-18G38A | 455KHZ ±1.5        | 18KHZ     | 6DB  | 50DB      | 40                 |           |
| -5      | TCF6-30D55A | 455KHZ ±2.0        | 30KHZ     | 5DB  | 60DB      | 20                 |           |
| -6      | TCF6-35D60A | 455KHZ ±2.0        | 35KHZ     | 5DB  | 60DB      | 20                 |           |

| QTY | MODEL USED ON | ASSY NO. | LTR | DESCRIPTION             | DATE          | E.M.N.NO | DRAFT | CHKD | APPD |
|-----|---------------|----------|-----|-------------------------|---------------|----------|-------|------|------|
|     | MTR-1         |          |     | EXPERIMENTAL RELEASE    | 1/13/69       |          | C.V.  |      |      |
|     |               |          |     | ORIG. RELEASE FOR PROD. |               |          | R.G.  |      |      |
|     |               |          |     | REV & UPDATED           | 2/17/69/19308 |          | GE    |      |      |
|     |               |          |     |                         |               |          |       |      | EFM  |

REVISIONS

APPLICATION