

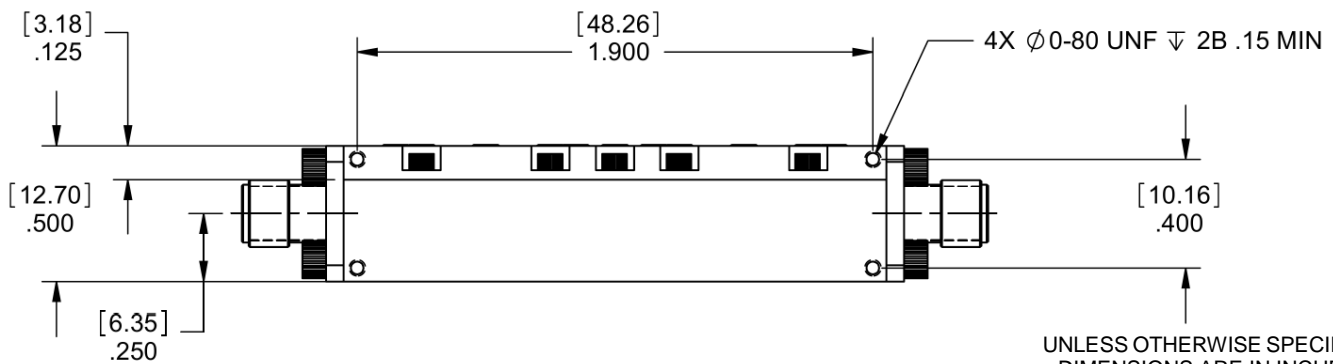
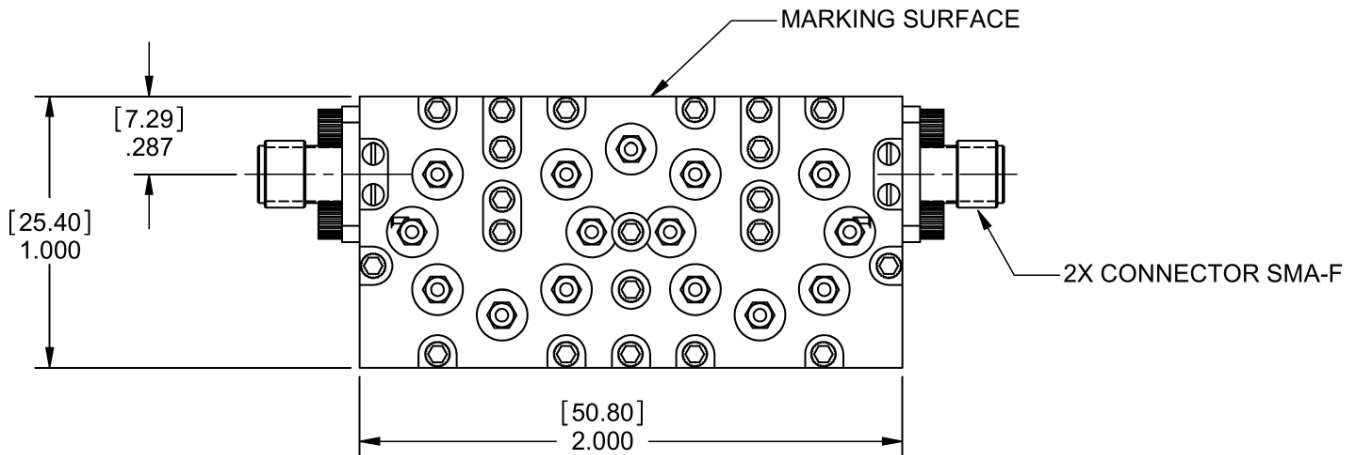
## Bandpass Filter

### Features/Benefits

- SMA-F Connectors
- Made in U.S.A.



| Parameter              | Specification   |
|------------------------|---|
| Center Frequency (Fo)  | 7000 MHz  |
| Passband               | -2 dBa max from 6950 MHz to 7050 MHz                                |
| Return Loss            | 11 dB min from 6950 MHz to 7050 MHz                                 |
| Rejection              | -40 dBc min from 7100 MHz to 11000 MHz                              |
| Temperature, Operating | -20°C to +70°C  |
| Temperature, Storage   | -55°C to +125°C   |
| Mechanical Dimensions  | 2.000 x 1.000 x 0.500 inches [50.80 x 25.40 x 12.70 mm] (L X W X H) |



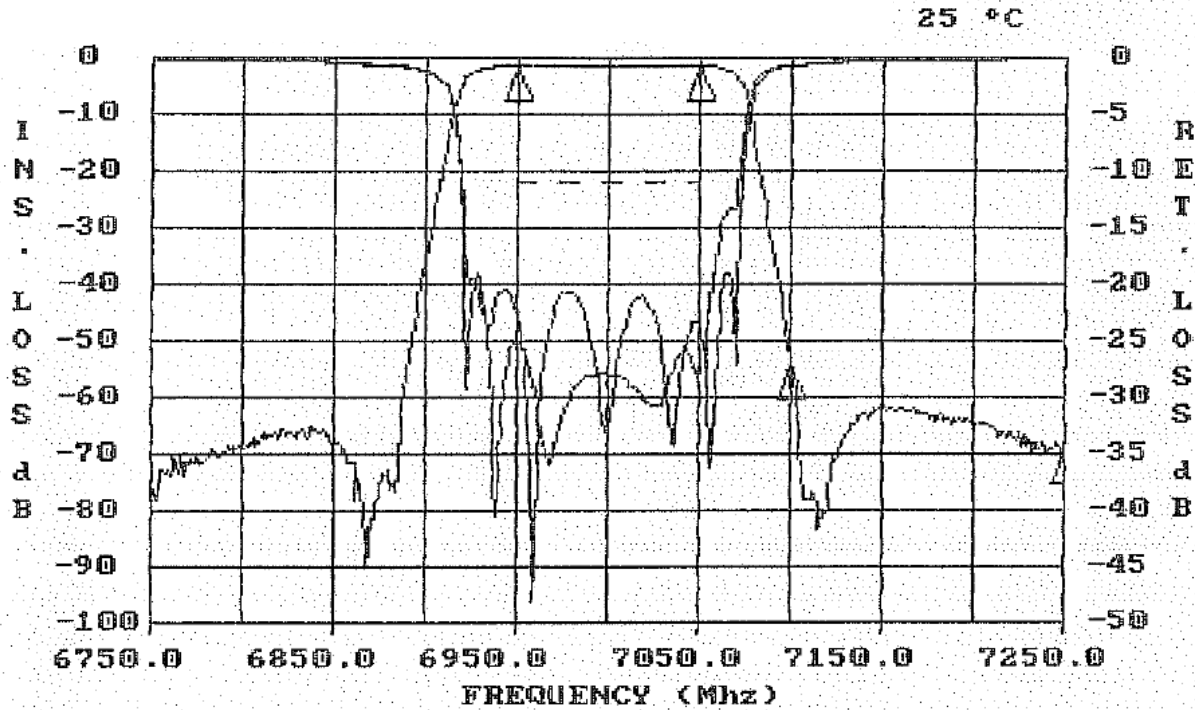
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:

| INCHES        | MILLIMETERS    |
|---------------|----------------|
| .XX ± .02     | [X.X] ± .5     |
| .XXX ± .010   | [X.XX] ± .25   |
| .XXXX ± .0020 | [X.XXX] ± .051 |

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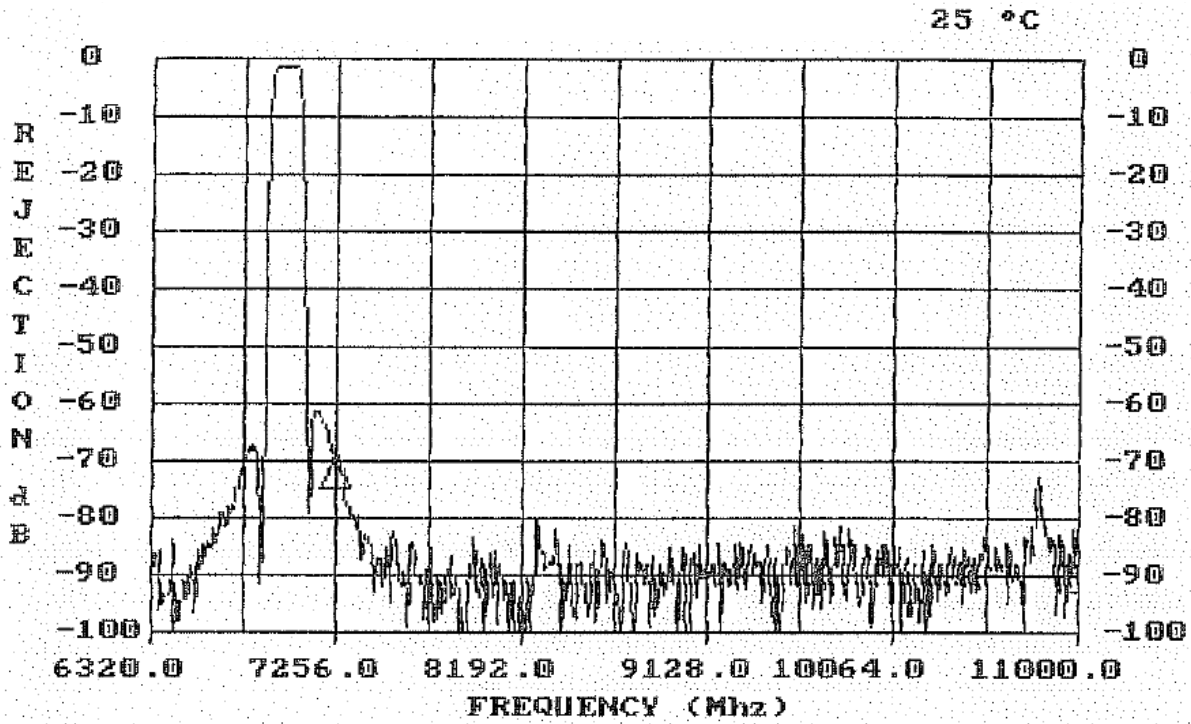


| FREQUENCY (MHZ) | VALUE     | SPEC        | COMMENTS     |
|-----------------|-----------|-------------|--------------|
| 6950 - 7050     | -1.60 dbA | -2 dbA MAX  |              |
| 7100 - 7250     | -53.0 dbC | -40 dbC MIN |              |
| FREQUENCY (MHZ) | VALUE     | SPEC        | COMMENTS     |
| 6950 - 7050     | -20.6     | -11 db MIN  | (S11) - VSWR |
| 6950 - 7050     | -25.1     | -11 db MIN  | (S22) - VSWR |

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| FREQUENCY (MHZ) | VALUE     | SPEC        | COMMENTS |
|-----------------|-----------|-------------|----------|
| 7250 - 11000    | -68.4 dbc | -40 dbc MIN |          |

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