



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1970 MHz Wireless RF Saw Filter

Part Number: AM1970S398

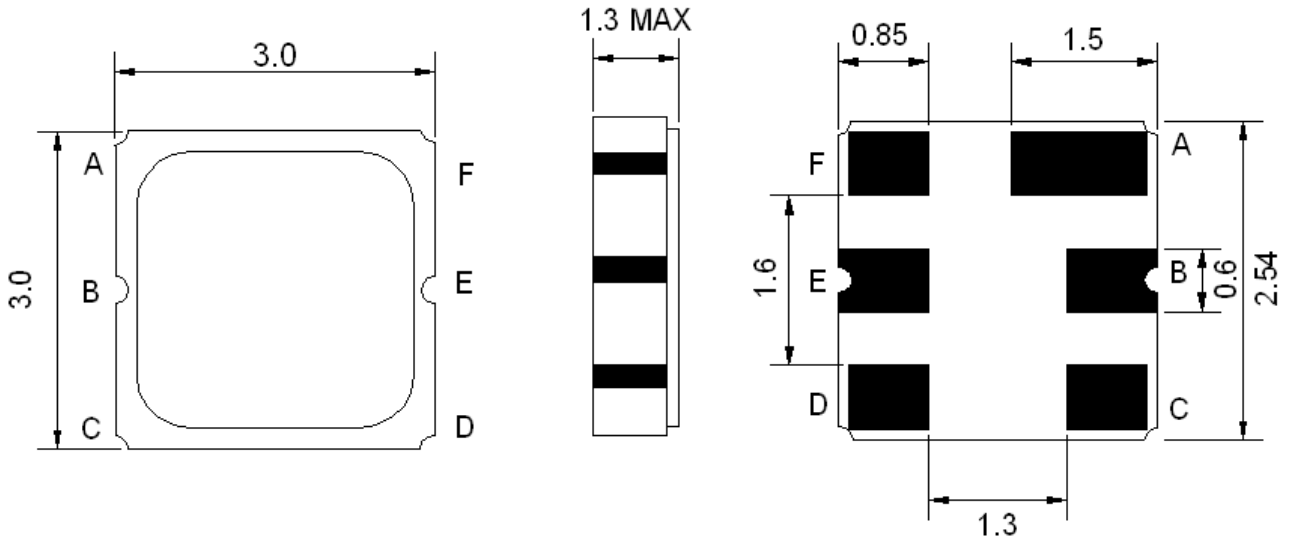


| Parameters Description | Unit | Minimum | Typical | Maximum |
|---|-------------------|---------|---------|---------|
| Center Frequency (Fo) | MHz | - | 1970.0 | - |
| Insertion Loss within 1960 ~ 1980 MHz | dB | - | 2.2 | 3.0 |
| Amplitude Ripple within 1960 ~ 1980 MHz | dB _{p-p} | - | 0.8 | 1.5 |
| Return Loss within 1960 ~ 1980 MHz | dB | 9 | 12 | - |
| Attenuation: | | | | |
| 1900 MHz | dB | 20 | 30 | - |

| Parameters Description | Unit | Minimum | Typical | Maximum |
|--|--------------------|---------|---------|---------|
| Operation Temperature Range | °C | -30 | - | +80 |
| Storage Temperature Range | °C | -40 | - | +85 |
| Maximum DC Voltage | V | - | - | 3 |
| Maximum Input Power | dBm | - | - | 10 |
| Source Impedance (Single Ended) ₁ | Ω | - | 50 | - |
| Load Impedance (Balanced Ended) ₁ | Ω | - | 50 | - |
| Package Size and Type | 3.0 x 3.0 x 1.3 mm | | M | |



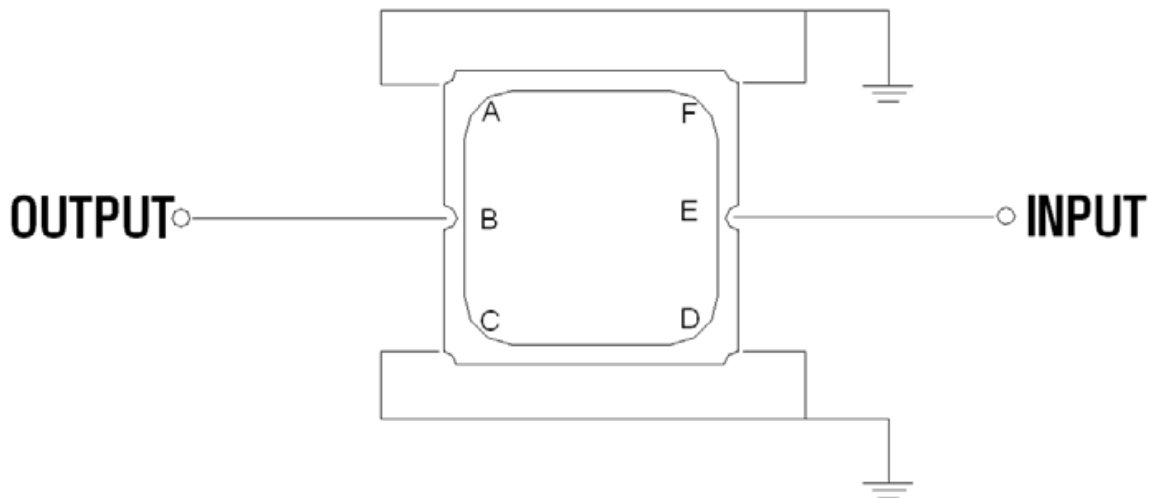
Outline Drawing:



Pin Description:

Ground – A C D F
 Input – E
 Output – B

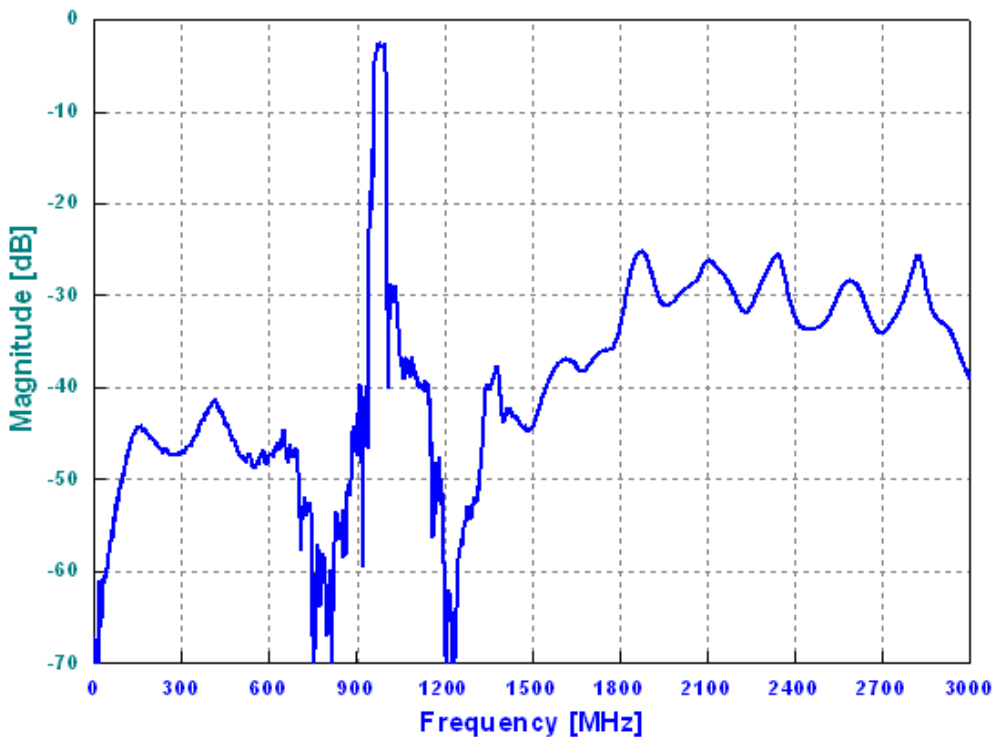
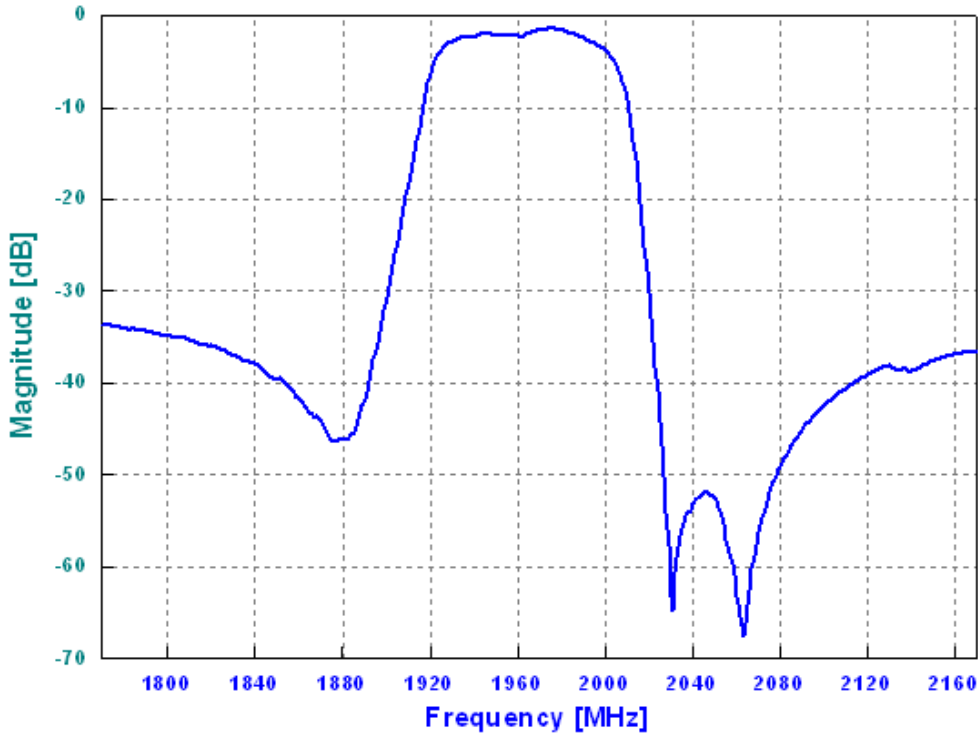
Testing Environment:



Source/Load Impedance: 50 Ω



Response Plot:





Return Loss

