

- Wireless, RF SAW Filter
- Revision 0: July 2009

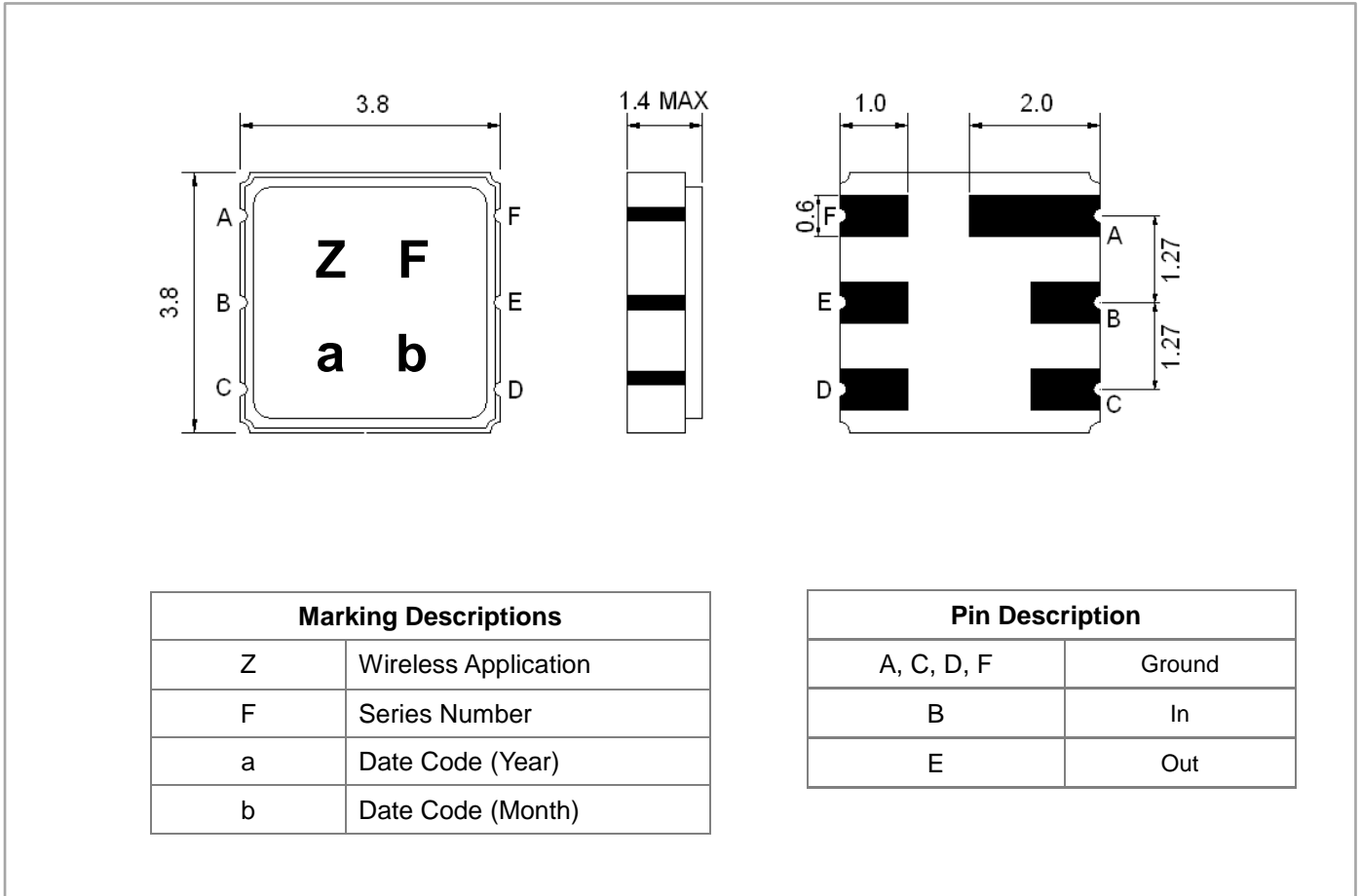
Electrical Characteristics

| MAXIMUM RATING | | | | |
|--|-----------------|---------|-----------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Operating Temperature Range | °C | -30 | - | +85 |
| Storage Temperature Range | °C | -40 | - | +85 |
| Maximum DC Voltage | V | - | - | - |
| Average Input Power | dBm | - | - | 28 |
| Source Impedance (single ended) ⁽¹⁾ | Ω | - | 50 | - |
| Load Impedance (single ended) ⁽¹⁾ | Ω | - | 50 | - |
| Package type & size | P | | | |
| Length x Width | mm ² | - | 3.8 x 3.8 | - |
| Height | mm | - | - | 1.4 |

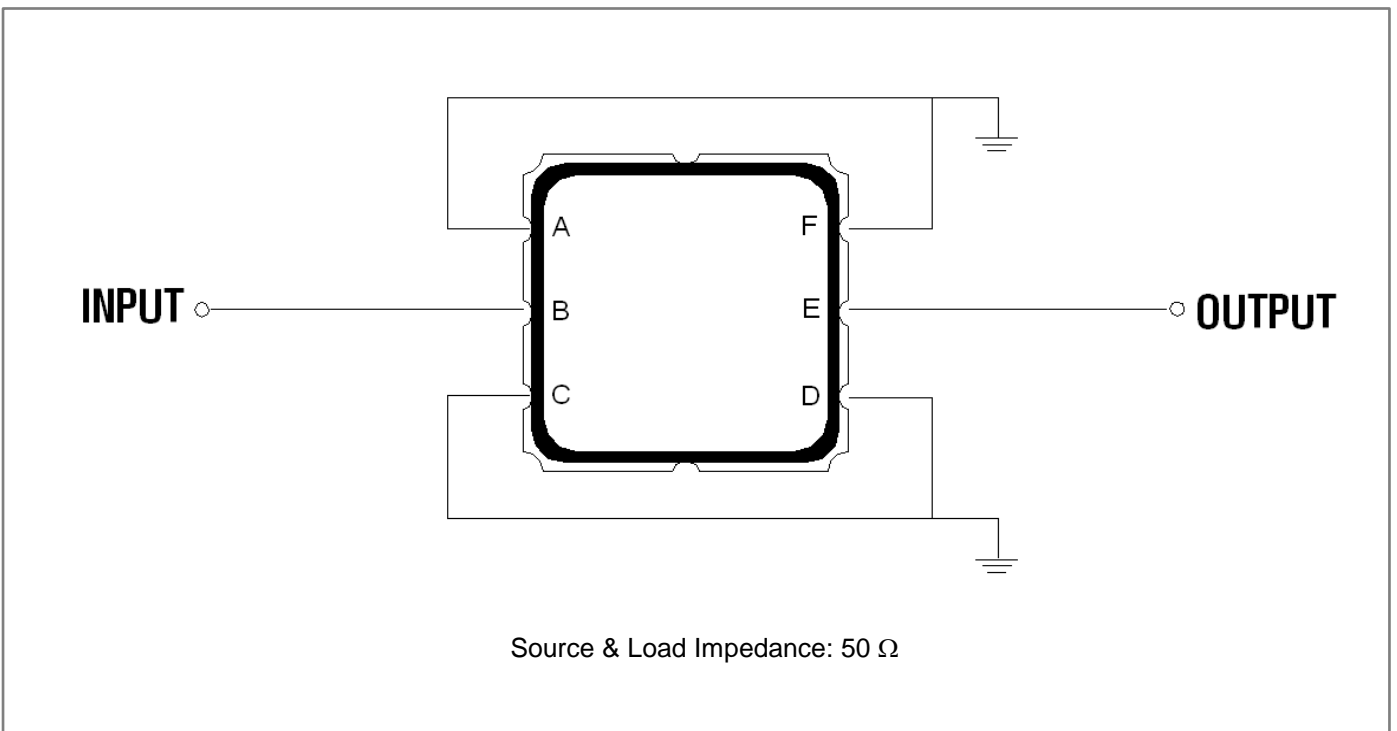
| ELECTRICAL SPECIFICATION | | | | |
|---|-------------------|---------|---------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Center Frequency (Fo) | MHz | - | 397.5 | - |
| Insertion Loss within 395.0 ~ 400.0 MHz | dB | - | 2.0 | 3.5 |
| Amplitude Ripple within 395.0 ~ 400.0 MHz | dB _{p-p} | - | 0.7 | 2.0 |
| Attenuation: | | | | |
| 0.3MHz ~ 385.0MHz | dB | 40 | 48 | - |
| 385.0MHz ~ 390.0MHz | dB | 35 | 45 | - |
| 415.0MHz ~ 455.5MHz | dB | 35 | 40 | - |
| VSWR within 395.0 ~ 400.0 MHz | - | - | 1.6 | 2.2 |

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Dimensions

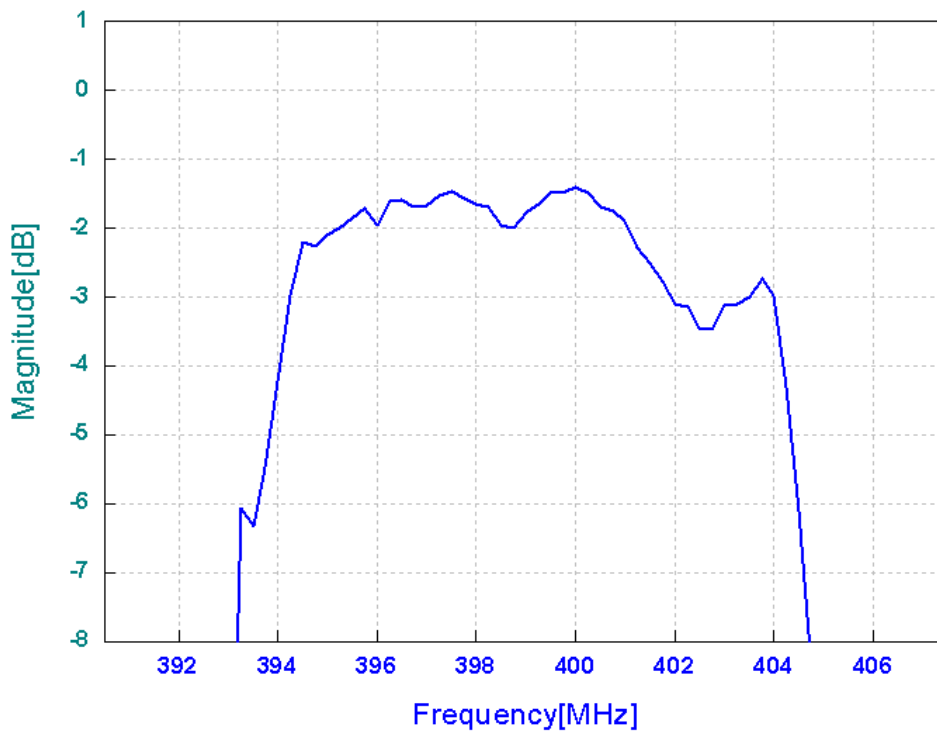
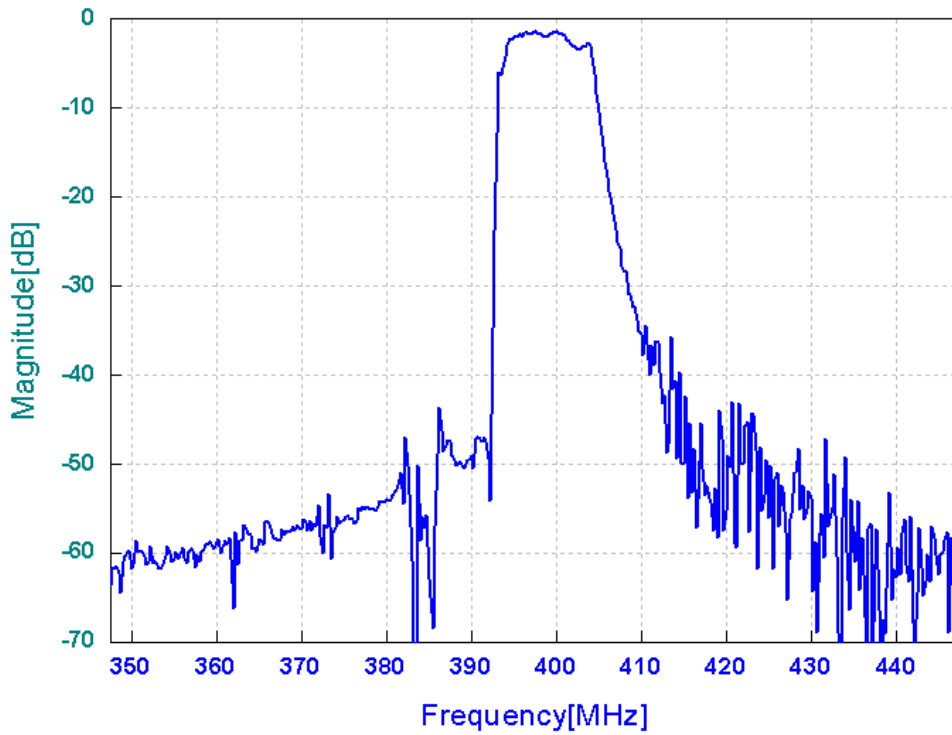


Testing Environment

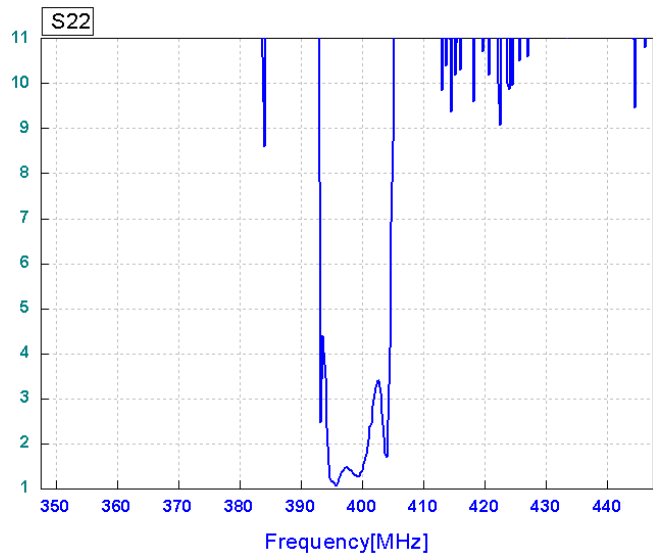
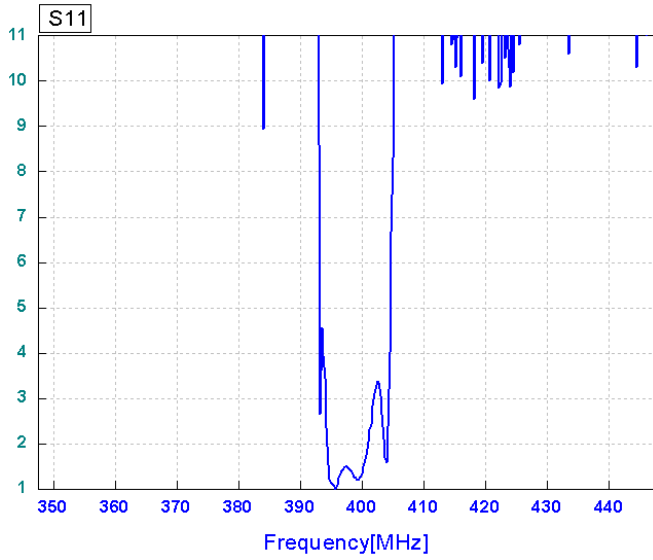


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

