

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

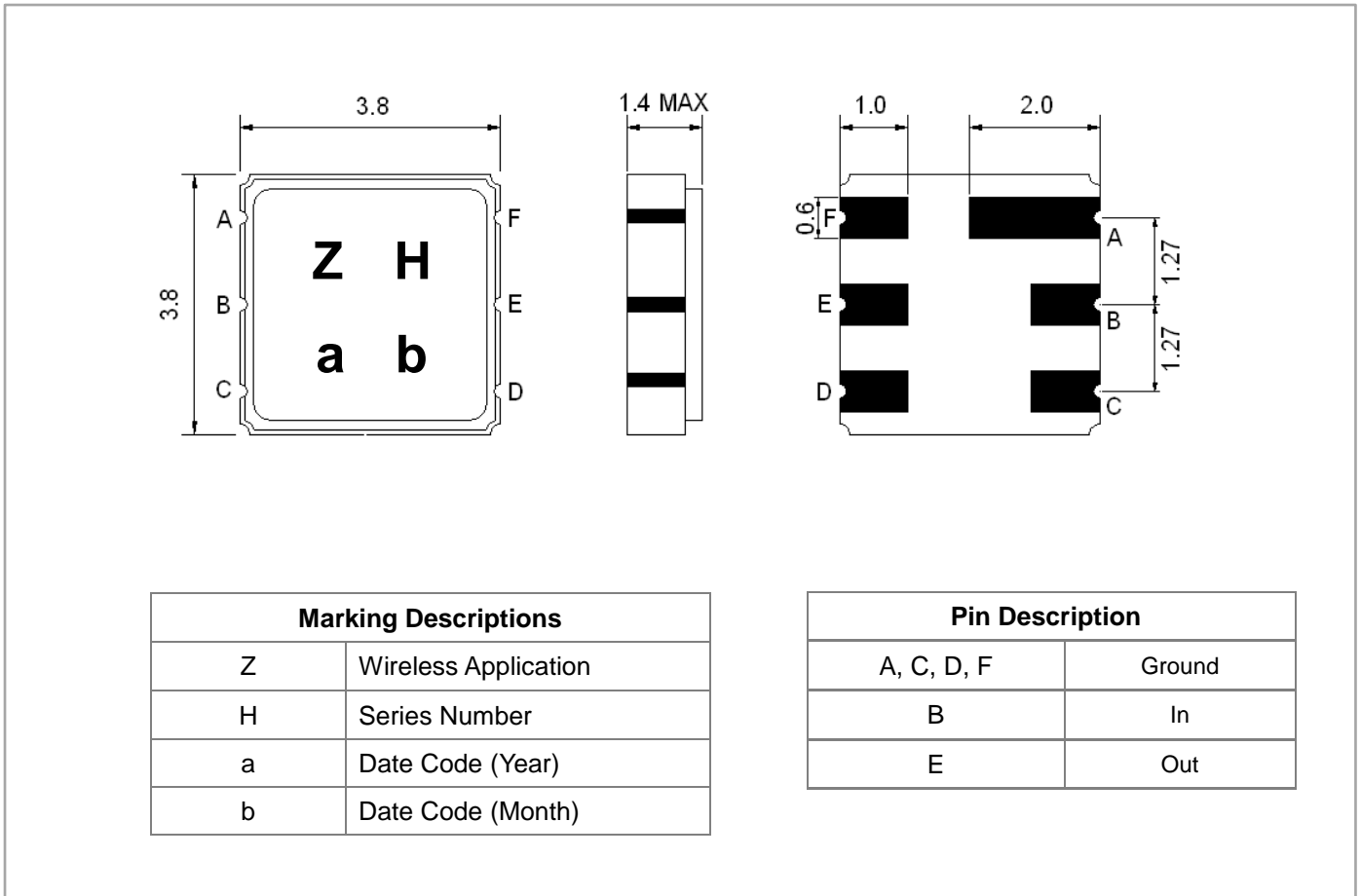
Electrical Characteristics

| MAXIMUM RATING | | | | |
|--|-----------------|---------|-----------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Operating Temperature Range | °C | -30 | - | +75 |
| Storage Temperature Range | °C | -40 | - | +85 |
| Maximum DC Voltage | V | - | - | 0 |
| Maximum Input Power | dBm | - | - | 10 |
| 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 |

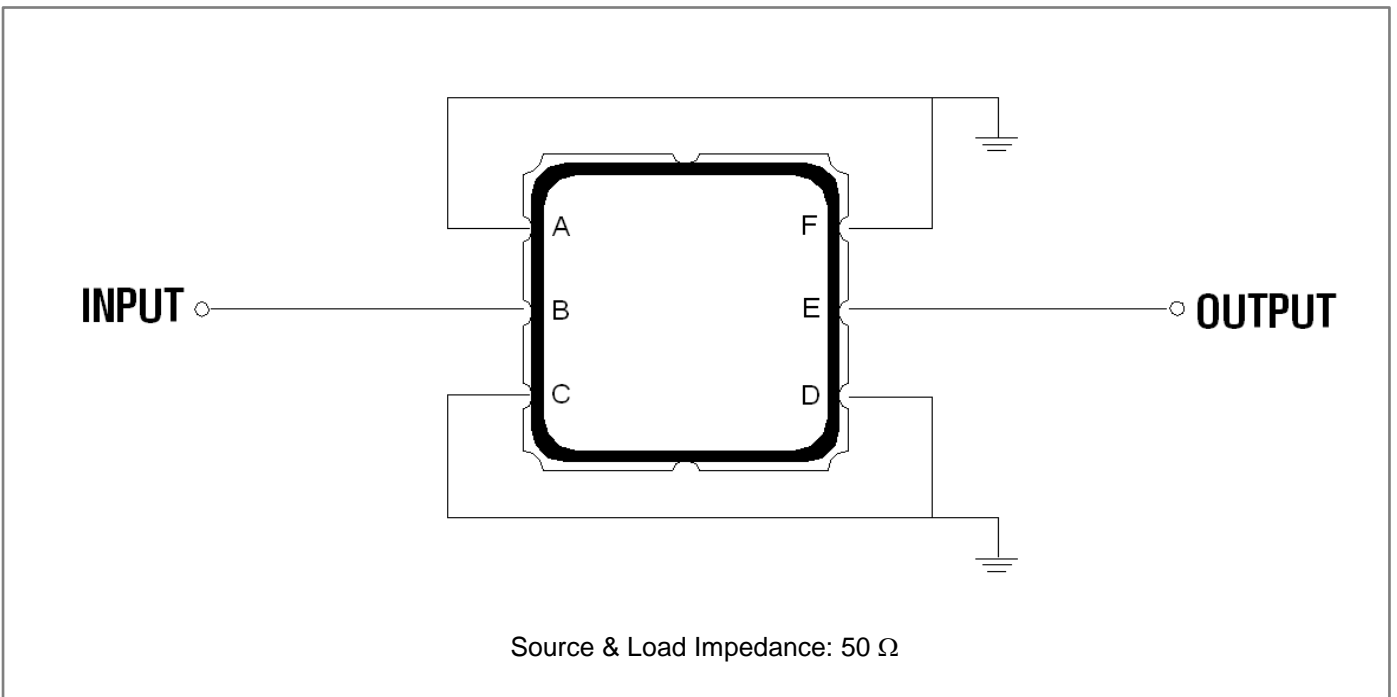
| ELECTRICAL SPECIFICATION | | | | |
|---|-------------------|---------|---------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Center Frequency (Fo) | MHz | - | 1090.0 | - |
| Insertion Loss within 1084.0 ~ 1096.0 MHz | dB | - | 3.2 | 3.5 |
| Amplitude Ripple within 1084.0 ~ 1096.0 MHz | dB _{p-p} | - | 1.0 | 1.5 |
| Attenuation: | | | | |
| Fo-300 ~ Fo-50 MHz | dB | 40 | 50 | - |
| Fo+60 ~ Fo+300 MHz | dB | 27 | 32 | - |
| VSWR within 1084.0 ~ 1096.0 MHz | - | - | 1.5 | 2.0 |

Notes: (1) No Matching Network

Package Dimensions

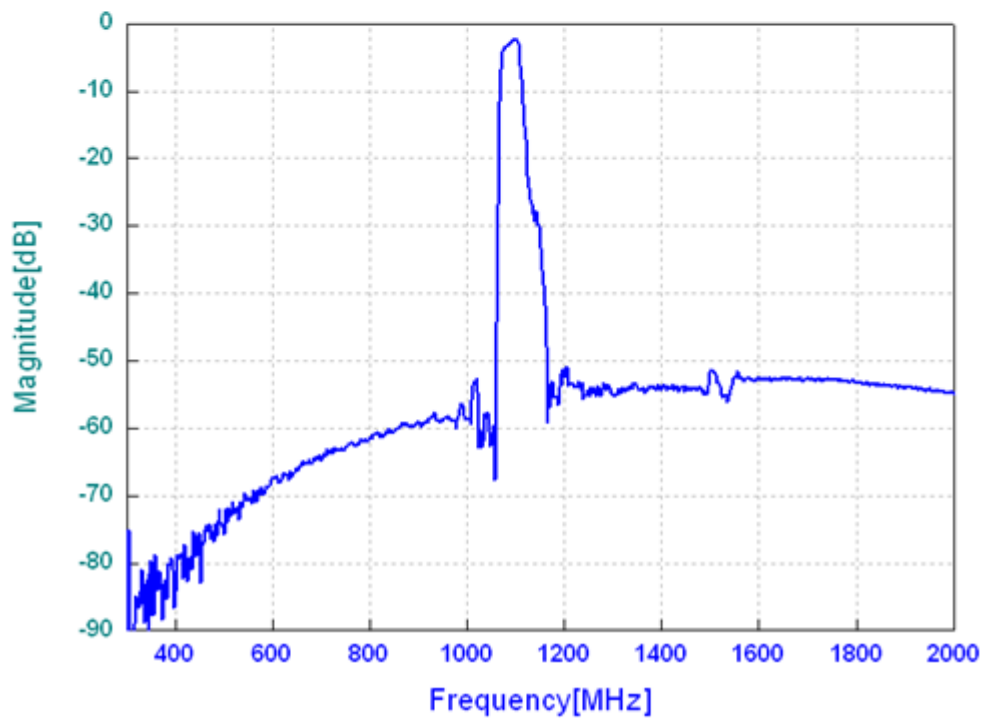
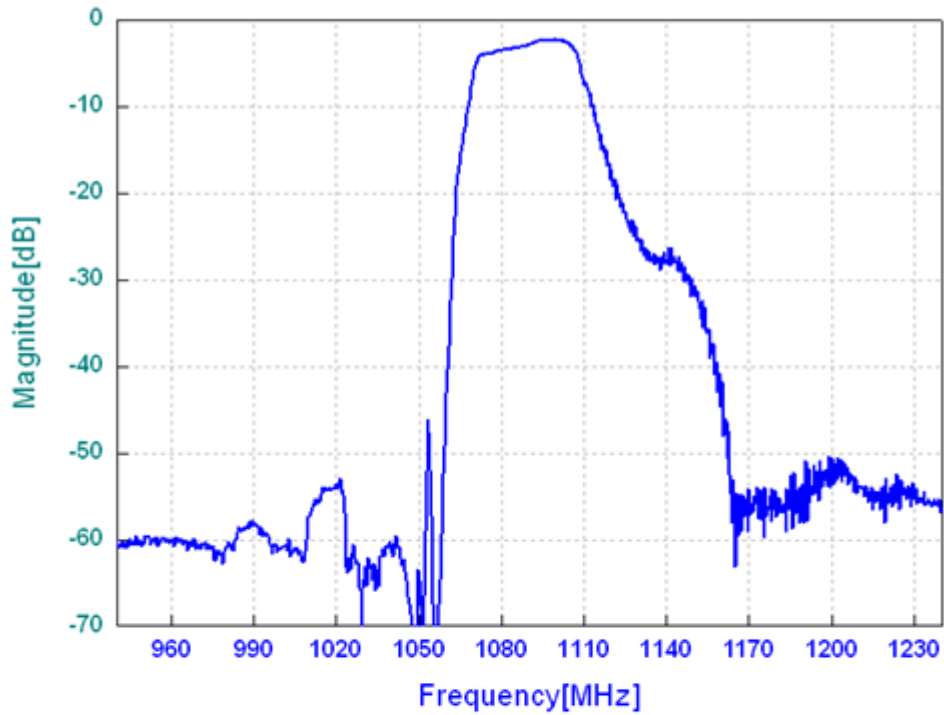


Testing Environment

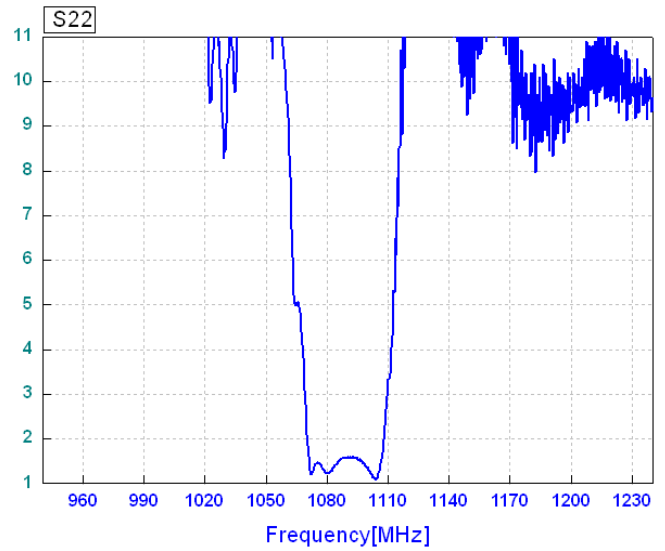
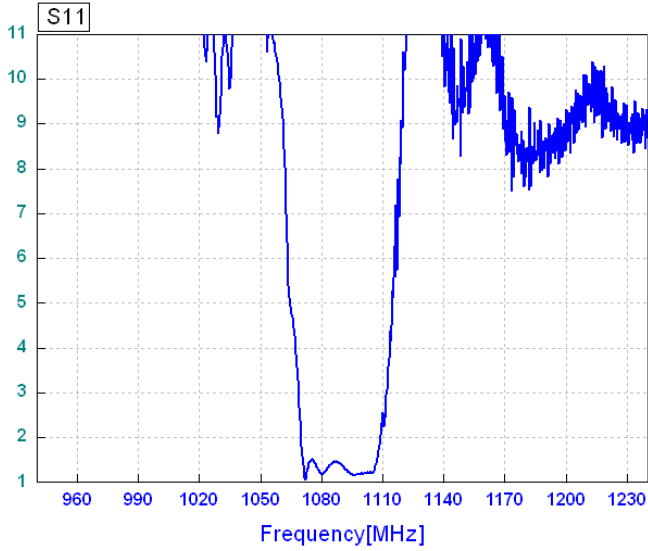


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

