

- Wireless, RF SAW Filter
- Revision 1: April 2013

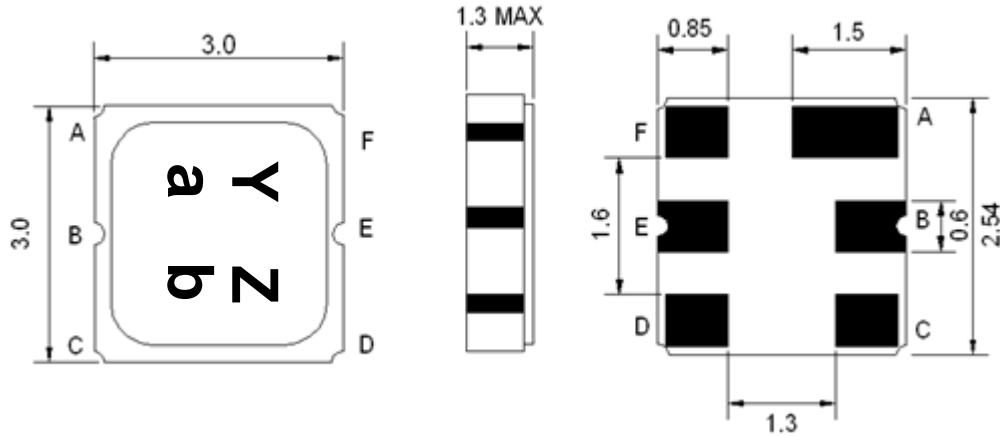
Electrical Characteristics

| MAXIMUM RATING | | | | |
|--|-----------------|---------|-----------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Operating Temperature Range | °C | -40 | - | +95 |
| Storage Temperature Range | °C | -40 | - | +85 |
| Maximum DC Voltage | V | - | - | 0 |
| Maximum Input Power | dBm | - | - | 15 |
| Source Impedance (single ended) ⁽¹⁾ | Ω | - | 50 | - |
| Load Impedance (single ended) ⁽¹⁾ | Ω | - | 50 | - |
| Package type & size | M | | | |
| Length x Width | mm ² | - | 3.0 x 3.0 | - |
| Height | mm | - | - | 1.3 |

| ELECTRICAL SPECIFICATION | | | | |
|--|-------------------|---------|---------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Center Frequency (Fo) | MHz | - | 2338.75 | - |
| Insertion Loss within 2332.5 ~ 2345.0 MHz | dB | - | 1.3 | 2.5 |
| Amplitude Ripple within 2332.5 ~ 2345.0MHz | dB _{p-p} | - | 0.3 | 1.0 |
| Attenuation: | | | | |
| 2108.75 MHz(Fo-230MHz) | dB | 35 | 40 | - |
| 2175.0 ~ 2227.0 MHz | dB | 30 | 43 | - |
| 2410.0 ~ 2436.0 MHz | dB | 35 | 50 | - |
| 2436.0 ~ 2526.0 MHz | dB | 35 | 39 | - |
| 2526.0 ~ 2700.0 MHz | dB | 33 | 38 | - |
| 2568.75 MHz(Fo+230MHz) | dB | 35 | 38 | - |
| VSWR within 2332.5 ~ 2345.0 MHz | - | - | 1.3 | 2.0 |

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

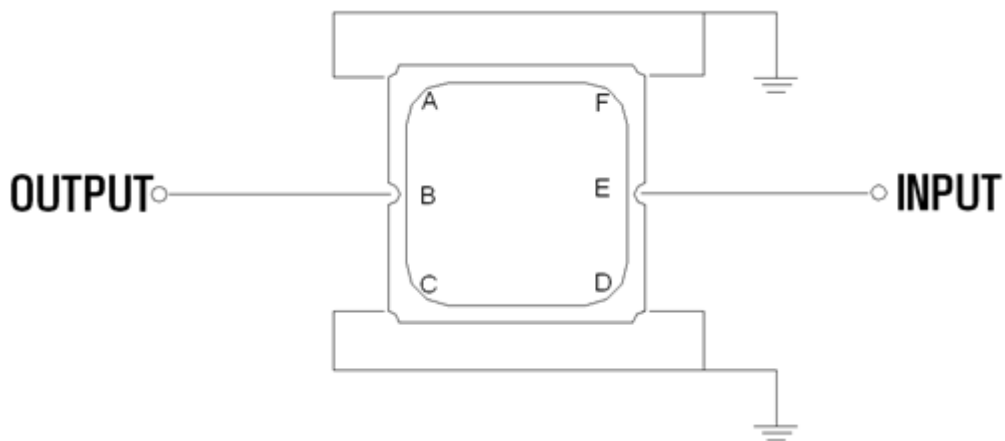
Package Dimensions



| Marking Descriptions | |
|----------------------|----------------------|
| Y | Wireless Application |
| Z | Series Number |
| a | Date Code (Year) |
| b | Date Code (Month) |

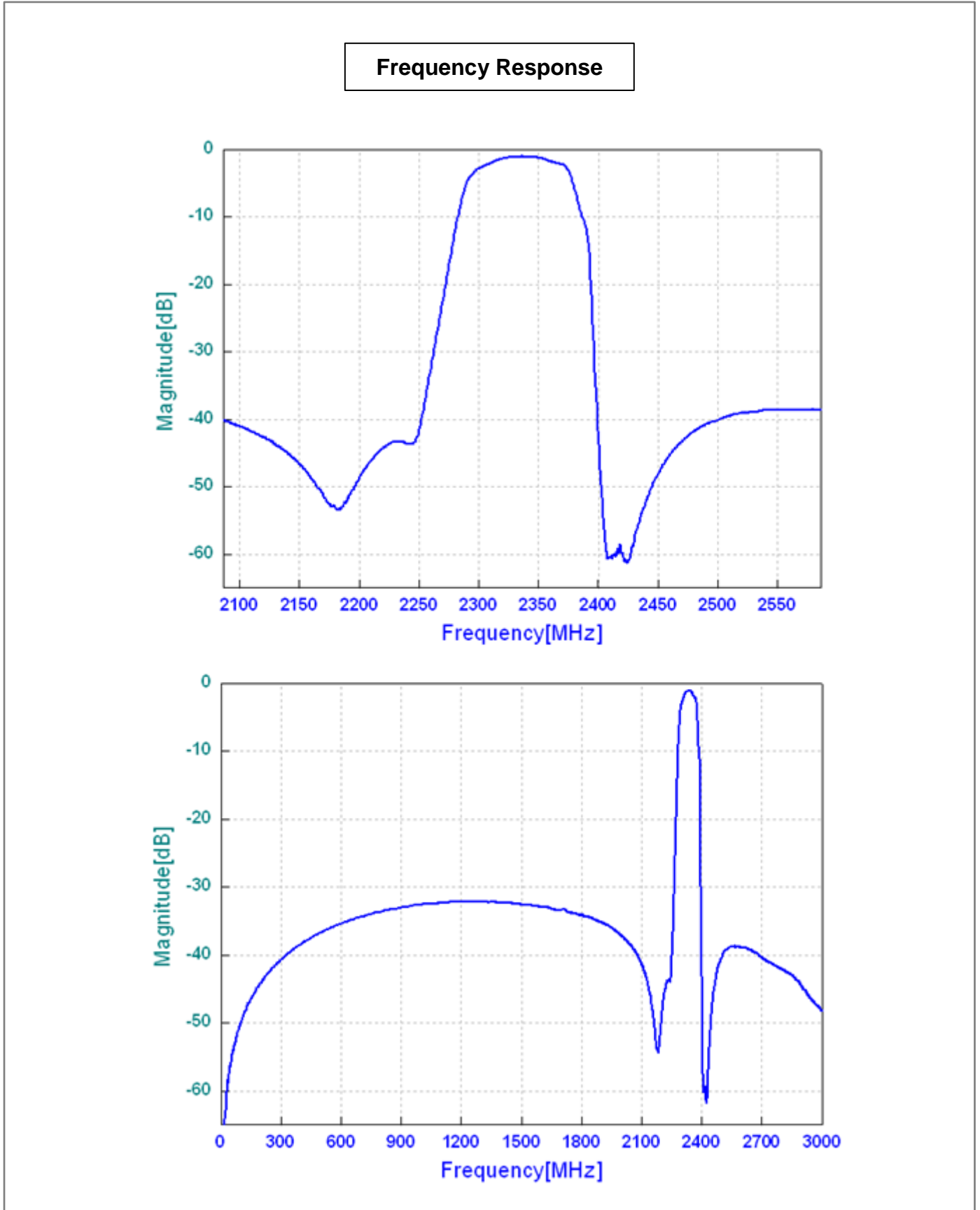
| Pin Description | |
|-----------------|-----------------|
| A, C, D, F | Ground |
| E | Input or Output |
| B | Output or Input |

Testing Environment

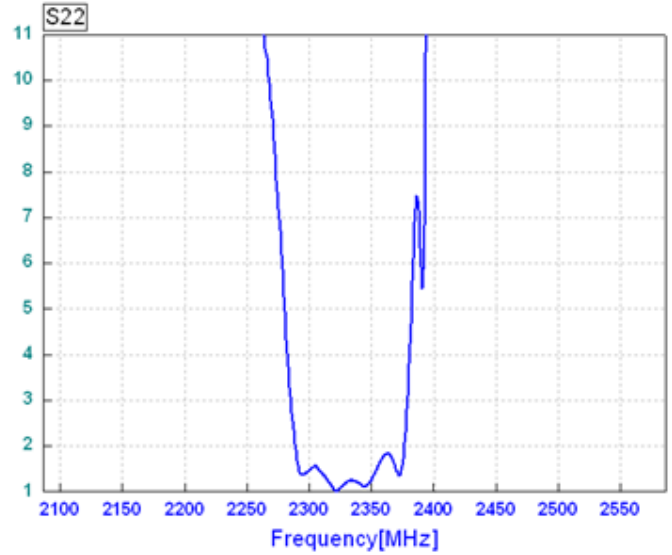
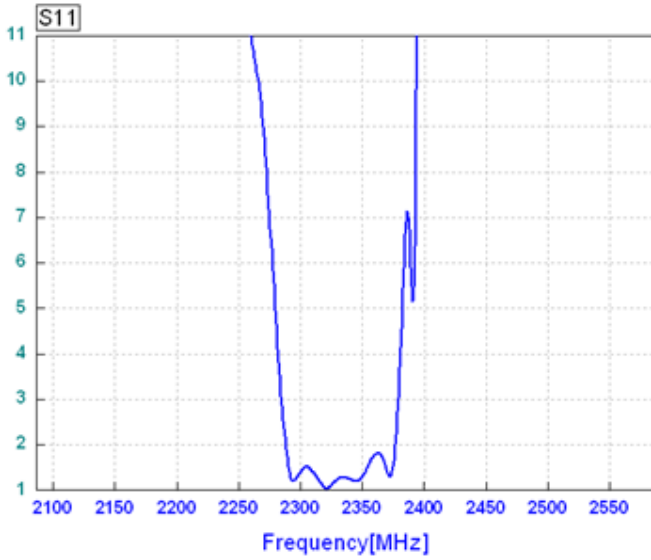


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

