

- Wireless, RF SAW Filter
- Revision 0: January 2013

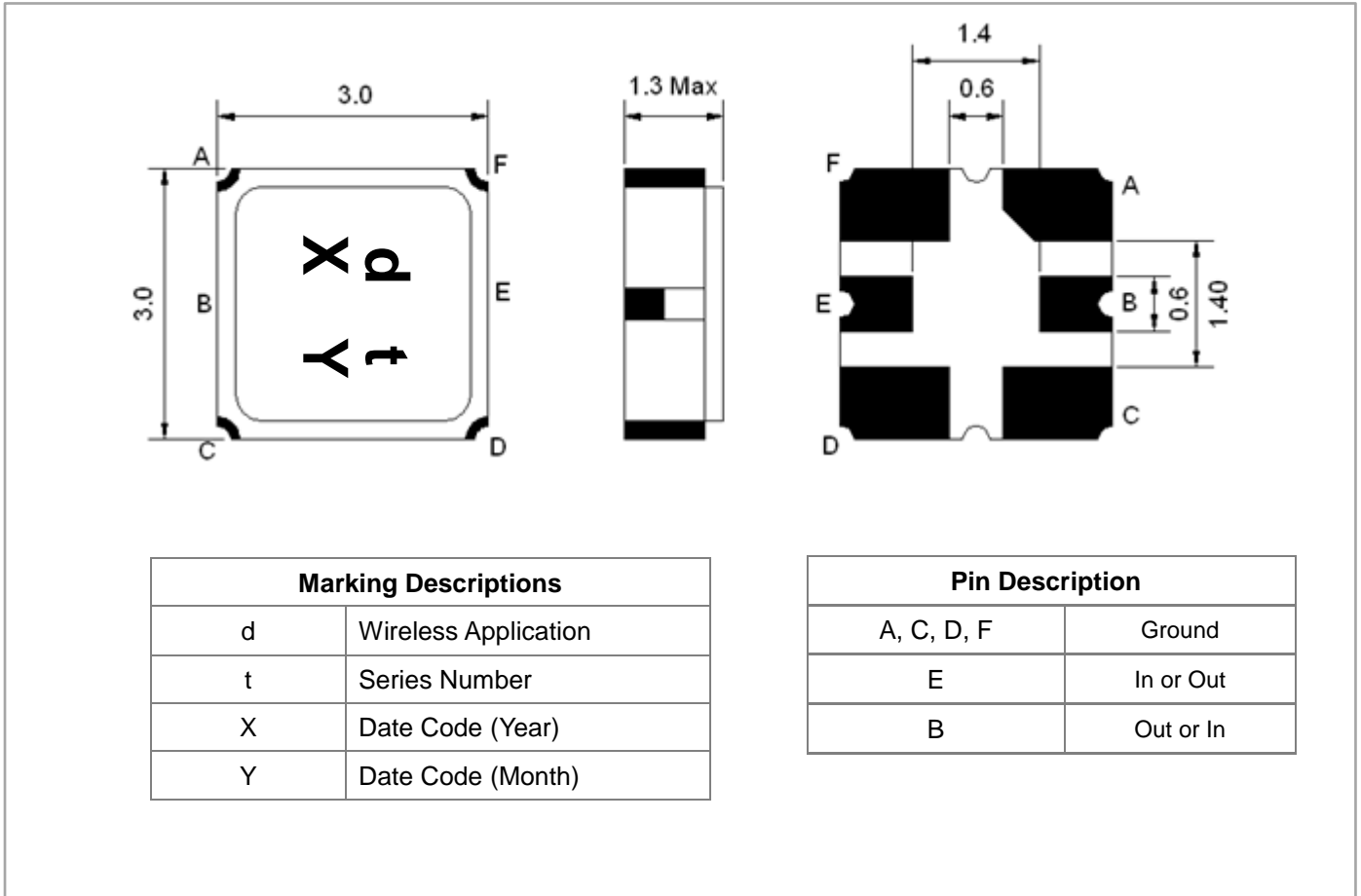
Electrical Characteristics

| MAXIMUM RATINGS | | | | |
|--|-----------------|---------|-----------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Operating Temperature Range | °C | -45 | - | +85 |
| Storage Temperature Range | °C | -45 | - | +85 |
| Maximum DC Voltage | V | - | - | 0 |
| Maximum Input Power | dBm | - | - | 25 |
| Source Impedance (single ended) ⁽¹⁾ | Ω | - | 50 | - |
| Load Impedance (single ended) ⁽¹⁾ | Ω | - | 50 | - |
| Package type & size | S22 | | | |
| Length x Width | mm ² | - | 3.0 x 3.0 | - |
| Height | mm | - | - | 1.3 |

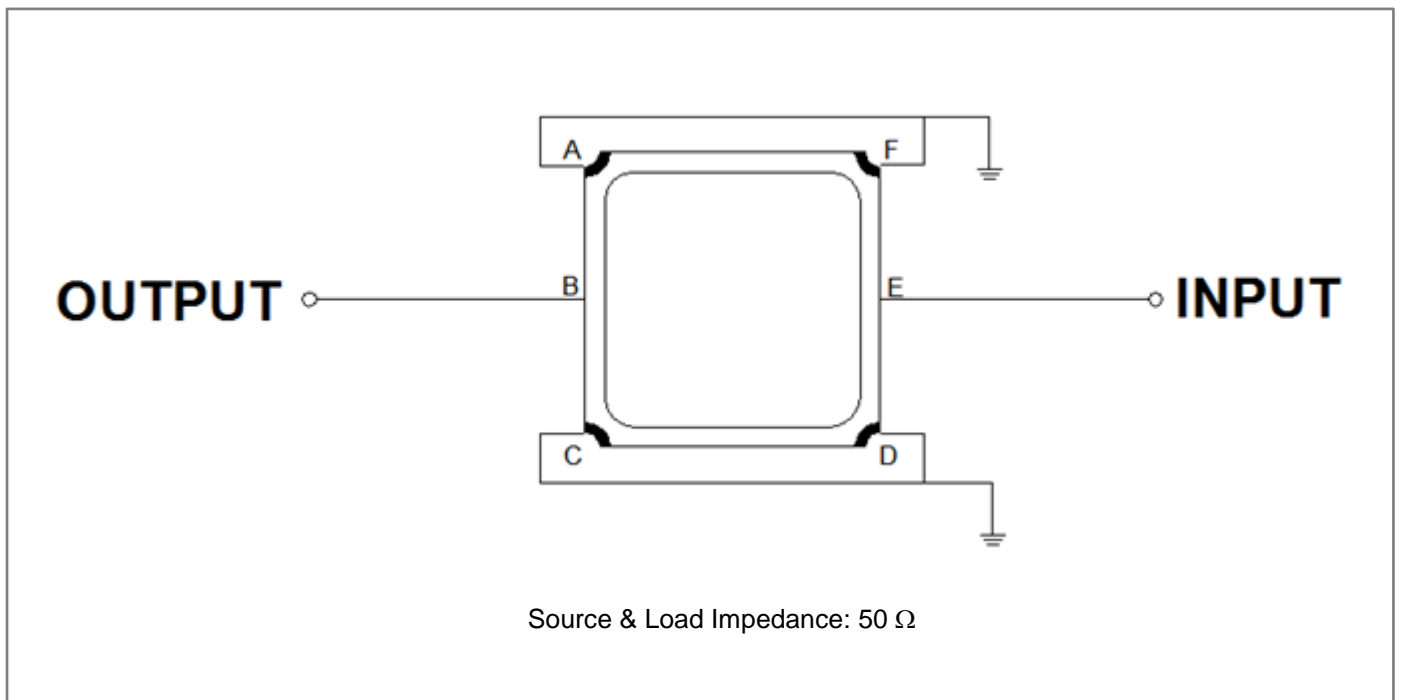
| ELECTRICAL SPECIFICATION | | | | |
|---|-------------------|---------|---------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Center Frequency (Fo) | MHz | - | 1325.0 | - |
| Insertion Loss within 1300.0 ~ 1350.0 MHz | dB | - | 3.3 | 4.0 |
| Amplitude Ripple within 1300.0 ~ 1350.0 MHz | dB _{p-p} | - | 0.7 | 1.5 |
| Attenuation: | | | | |
| D.C. ~ 860.0 MHz | dB | 40 | 52 | - |
| 975.0 ~ 1025.0 MHz | dB | 40 | 47 | - |
| 1125.0 ~ 1175.0 MHz | dB | 40 | 44 | - |
| 1475.0 ~ 1525.0 MHz | dB | 40 | 47 | - |
| 2650.0 MHz | dB | 30 | 37 | - |
| Return Loss within 1300.0 ~ 1350.0 MHz | dB | 9 | 11 | - |

Notes: (1) No Matching Network

Package Dimensions

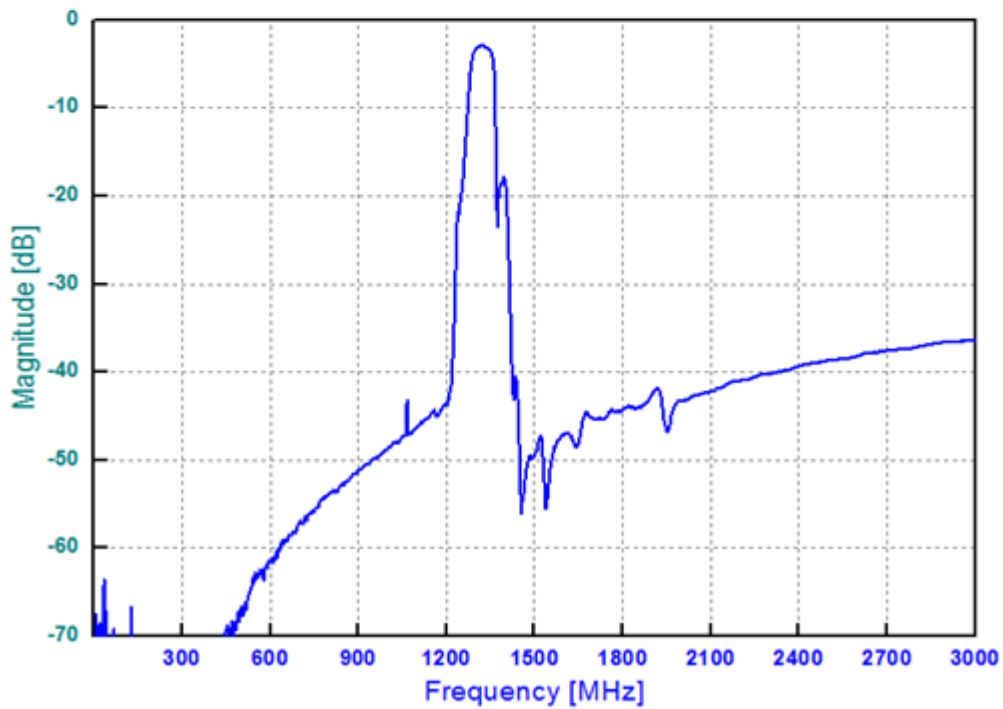
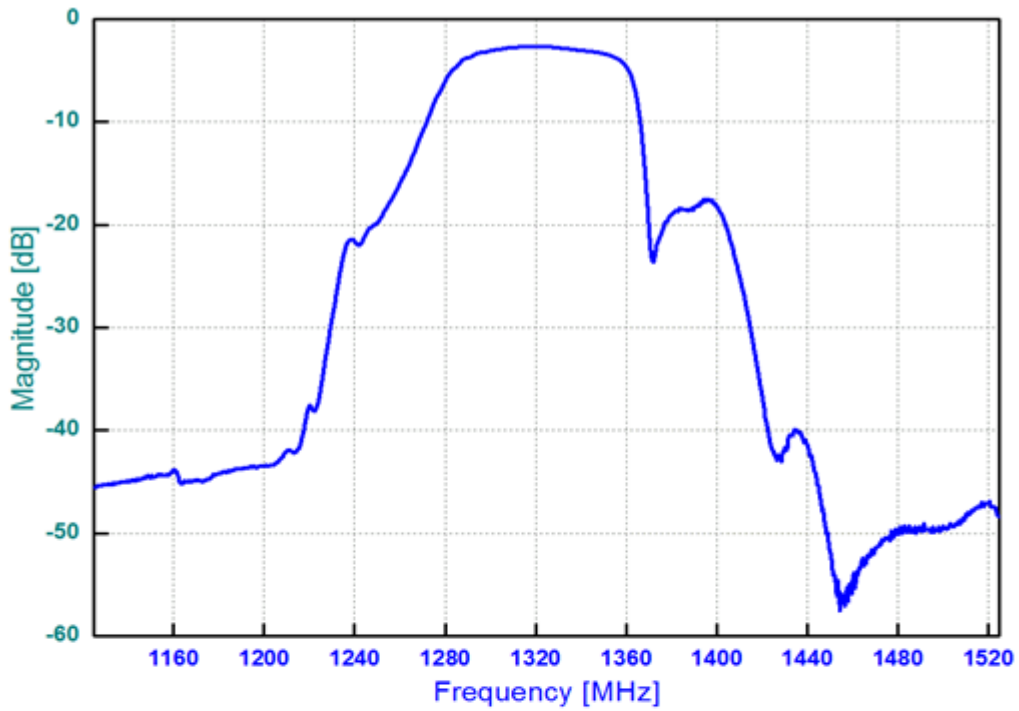


Testing Environment

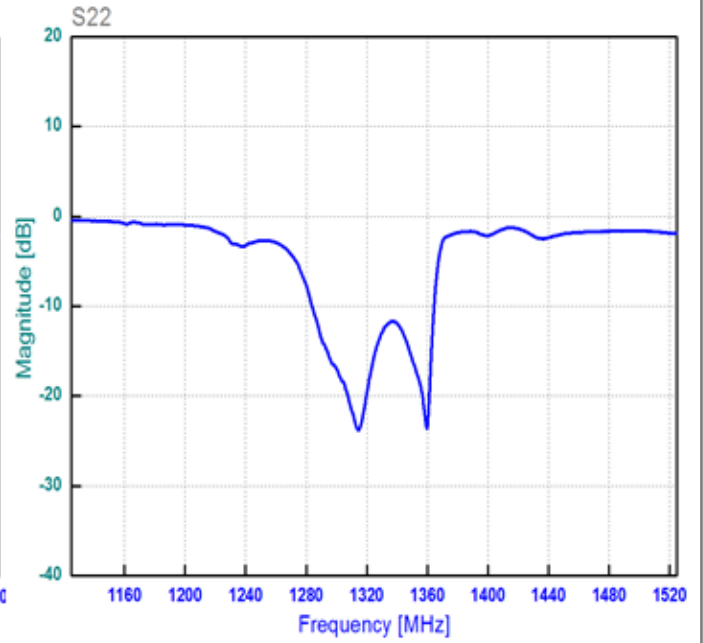
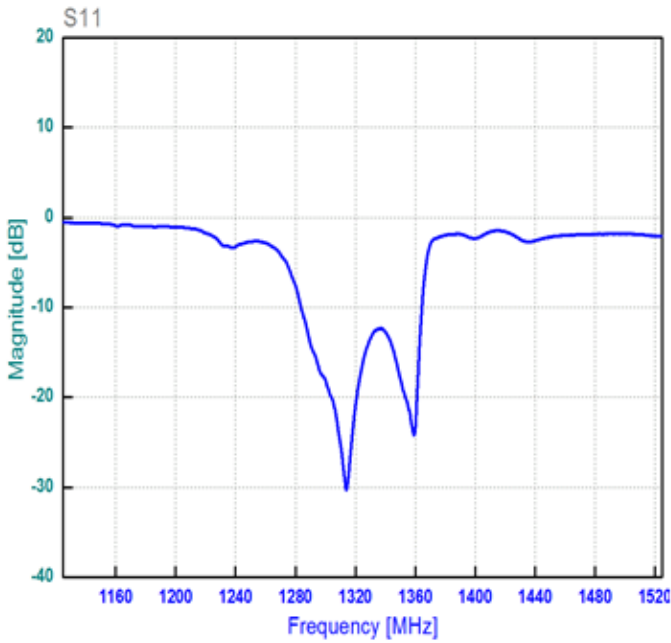


Frequency Characteristics

Frequency Response



Return Loss



Smith Chart

