

- Wireless, RF SAW Filter
- Revision0: February 2007

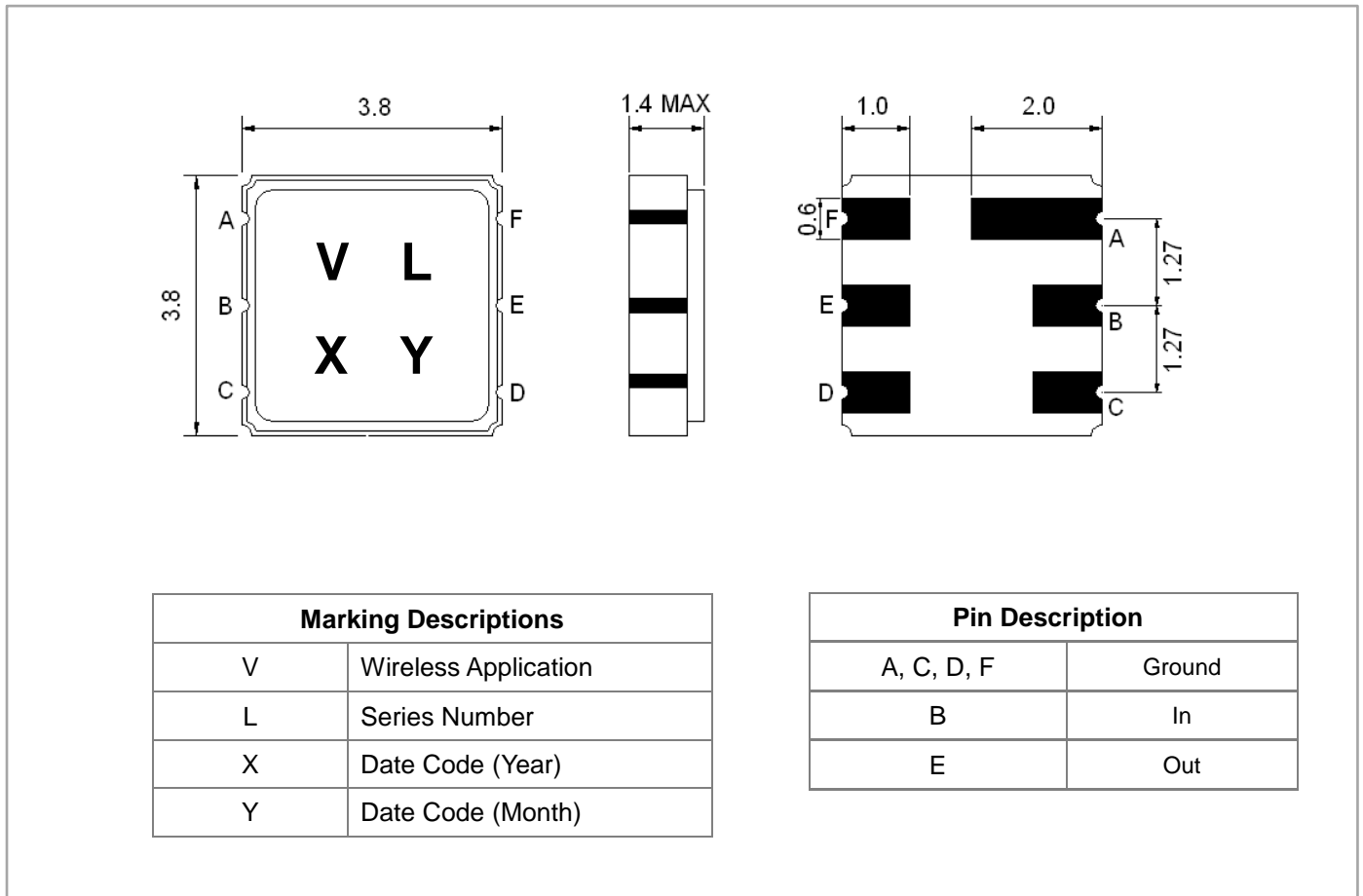
Electrical Characteristics

| MAXIMUM RATING | | | | |
|--|-----------------|---------|-----------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Operating Temperature Range | °C | -40 | - | +85 |
| 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 |

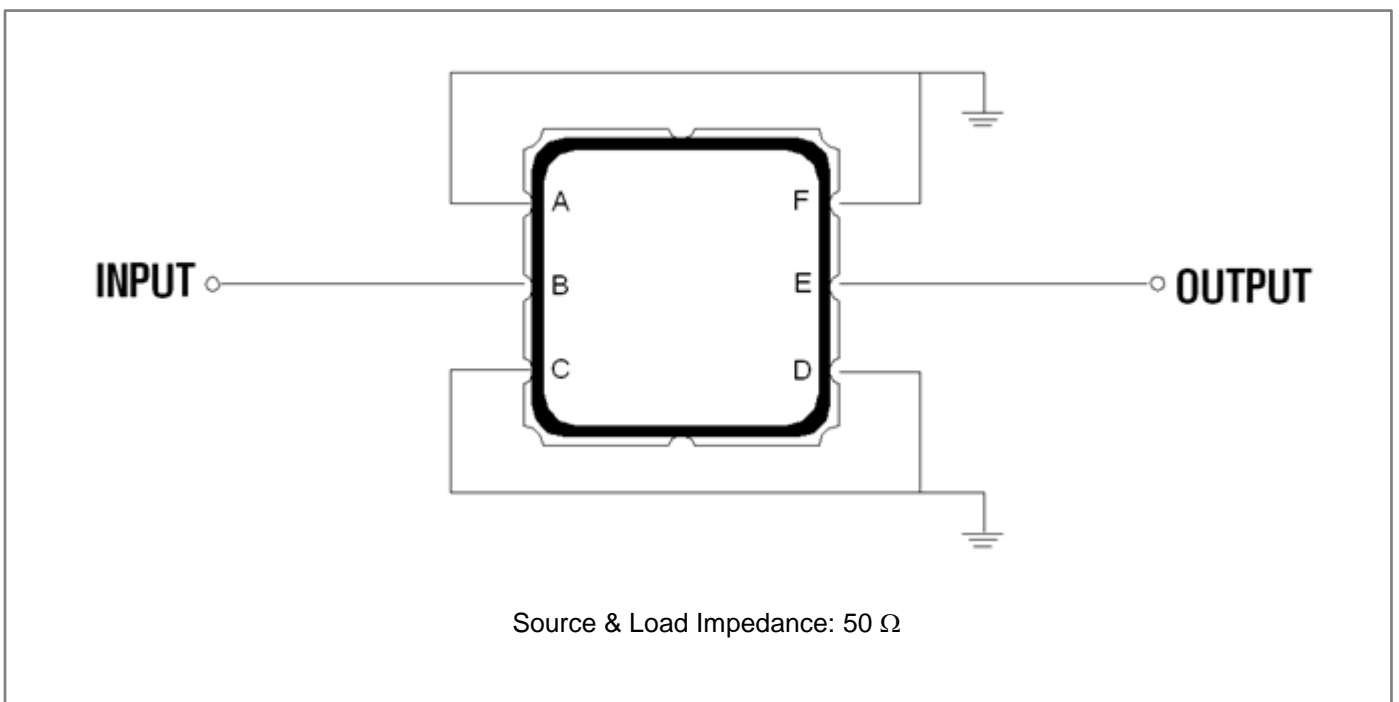
| ELECTRICAL SPECIFICATION | | | | |
|---|-------------------|---------|---------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Center Frequency (Fo) | MHz | - | 868.0 | - |
| Insertion Loss within 866.0 ~ 870.0 MHz | dB | - | 3.3 | 4.0 |
| Amplitude Ripple within 866.0 ~ 870.0 MHz | dB _{p-p} | - | 0.6 | 1.5 |
| Attenuation: | | | | |
| Fo-200.0 ~ Fo-22.0 MHz | dB | 40 | 45 | - |
| F0+35.0 ~ Fo+200.0 MHz | dB | 45 | 50 | - |

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

Package Dimensions



Testing Environment



Frequency Characteristics

Frequency Response

