

- CDMA 450 E-Band, RF-Tx SAW Filter
- Revision 0: September 2009

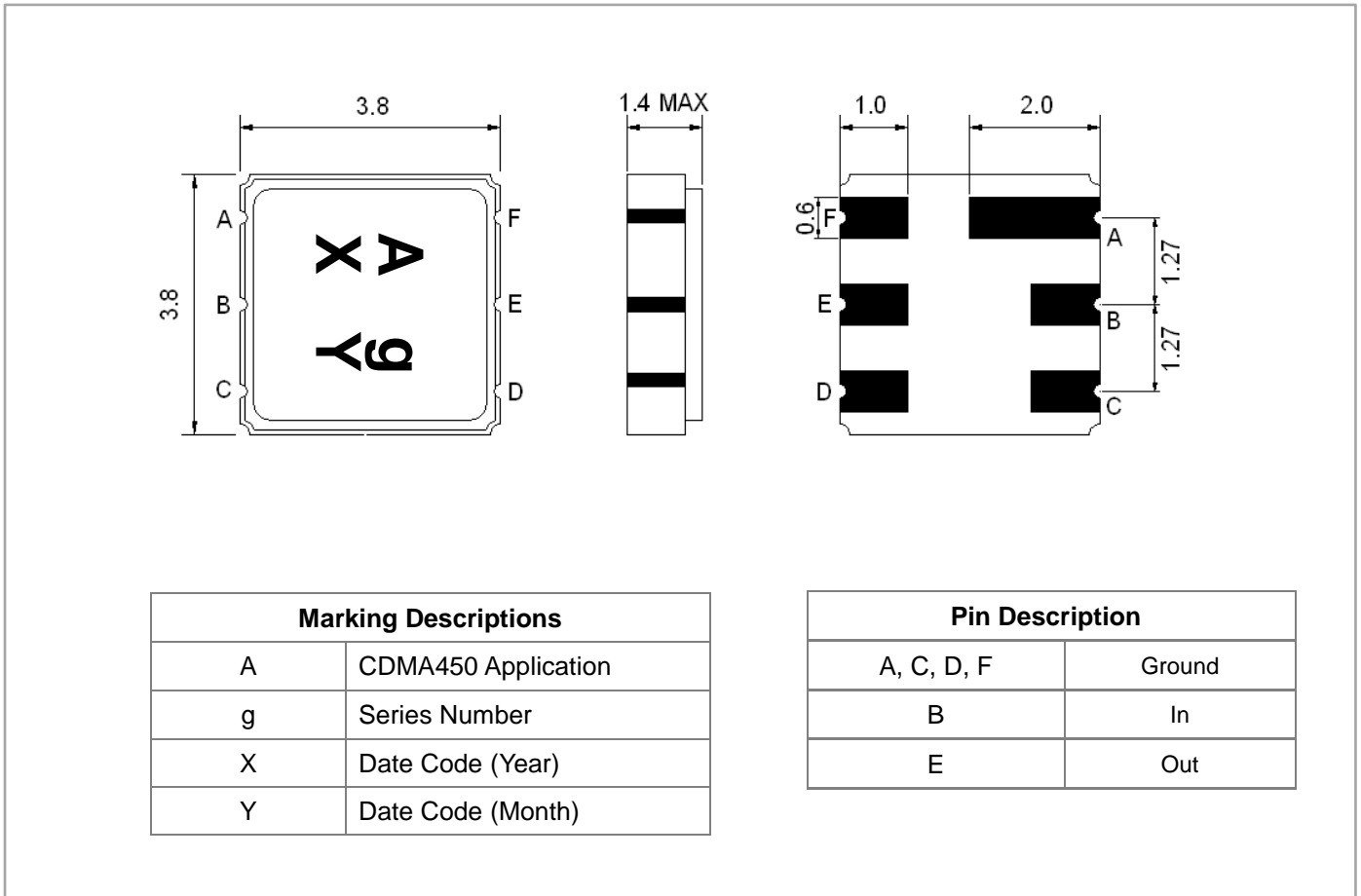
Electrical Characteristics

| MAXIMUM RATING | | | | |
|--|-----------------|---------|-----------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Operating Temperature Range | °C | -30 | - | +80 |
| Storage Temperature Range | °C | -40 | - | +85 |
| Maximum DC Voltage | V | - | - | 0 |
| Maximum Input Power | dBm | - | - | 30 |
| 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 |

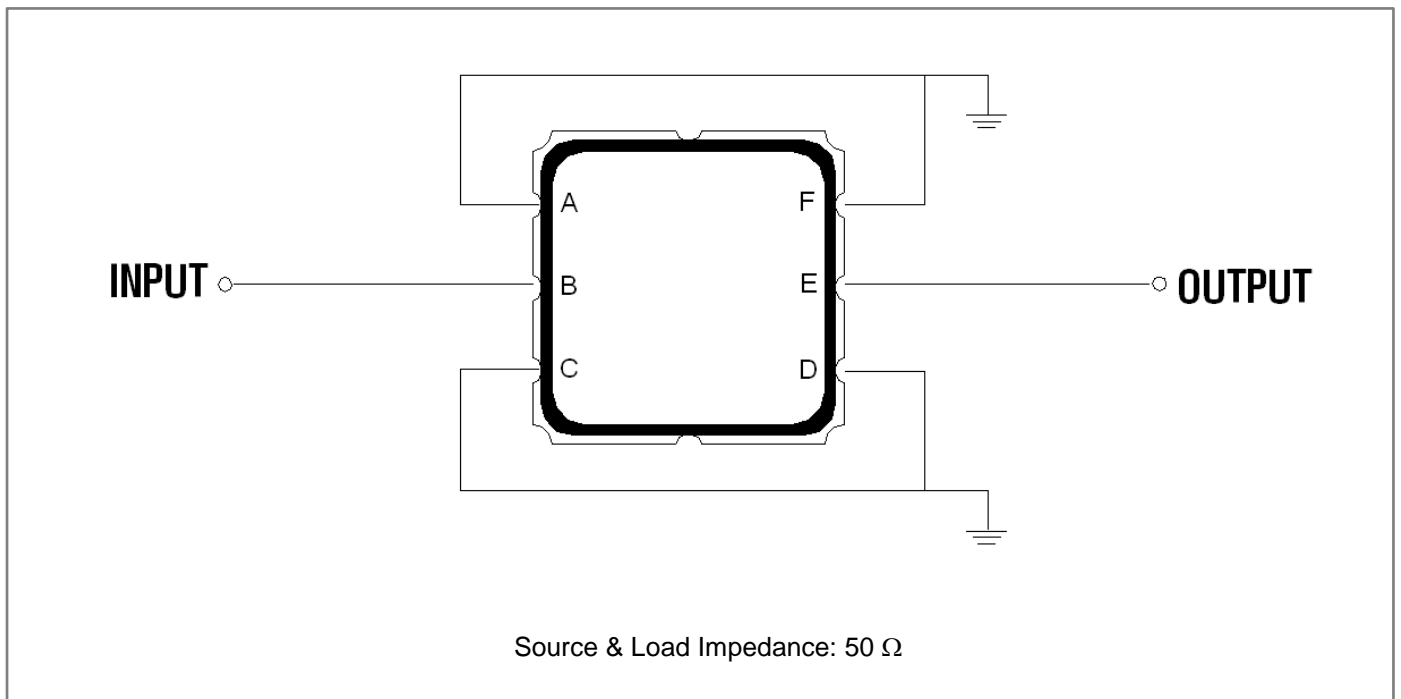
| ELECTRICAL SPECIFICATION | | | | |
|------------------------------------|------|---------|---------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Center Frequency (Fo) | MHz | - | 417.75 | - |
| Insertion Loss in 415.5 ~420.0 MHz | dB | - | 2.1 | 2.8 |
| Stop Band Attenuation: | | | | |
| 0.3 ~ 400.0 MHz | dB | 23 | 26 | - |
| 425.5 ~ 430.0 MHz | dB | 30 | 48 | - |
| 430.0 ~ 1700.0 MHz | dB | 15 | 18 | - |
| 1700.0 ~ 2000.0 MHz | dB | 10 | 15 | - |
| VSWR in 415.5 ~ 420.0 MHz | - | - | 1.3 | 2.0 |

Notes : (1) No Matching Network

Package Dimensions

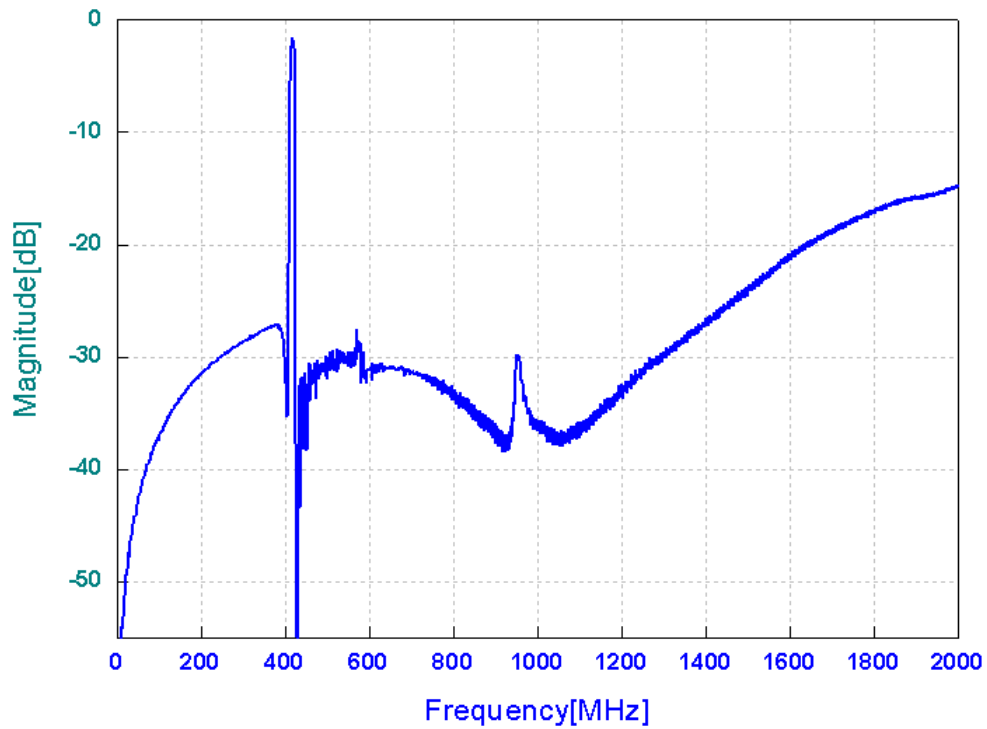
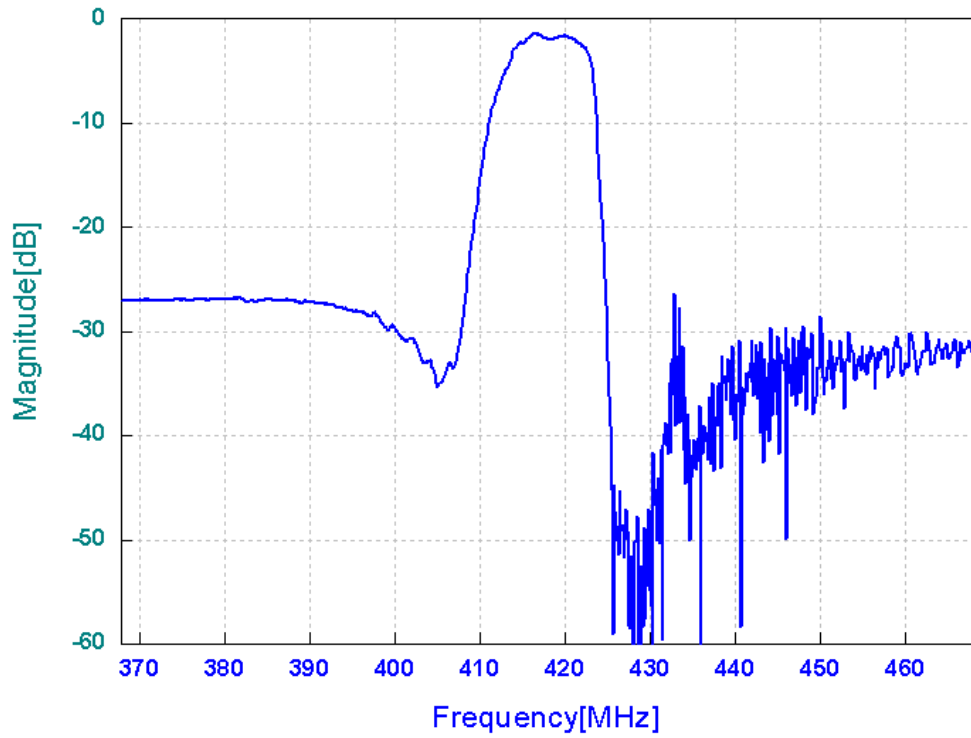


Testing Environment

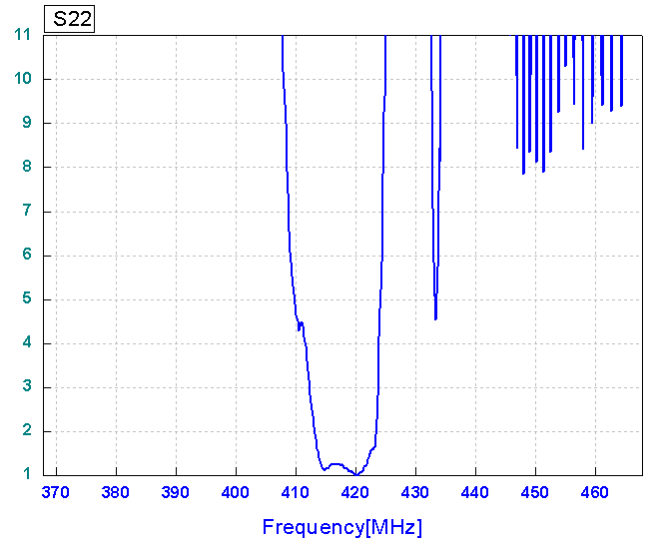
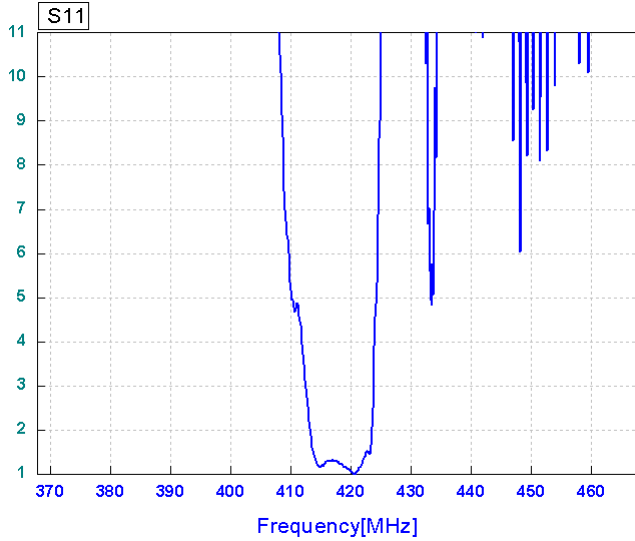


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

