

- CDMA 450 H-Band, RF-Rx SAW Filter
- Revision 0:

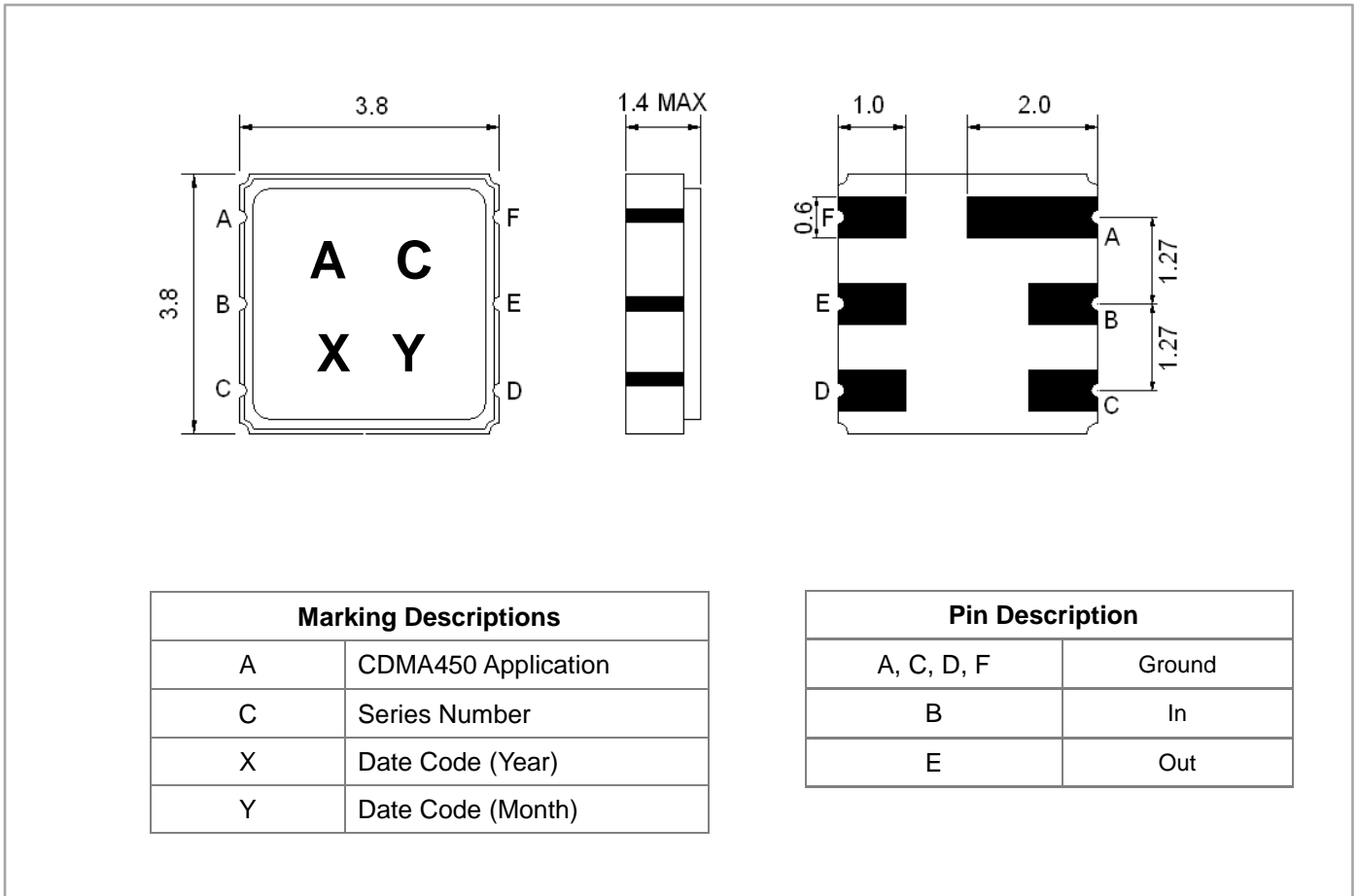
Electrical Characteristics

| 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 | - | - | 27 |
| 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 |

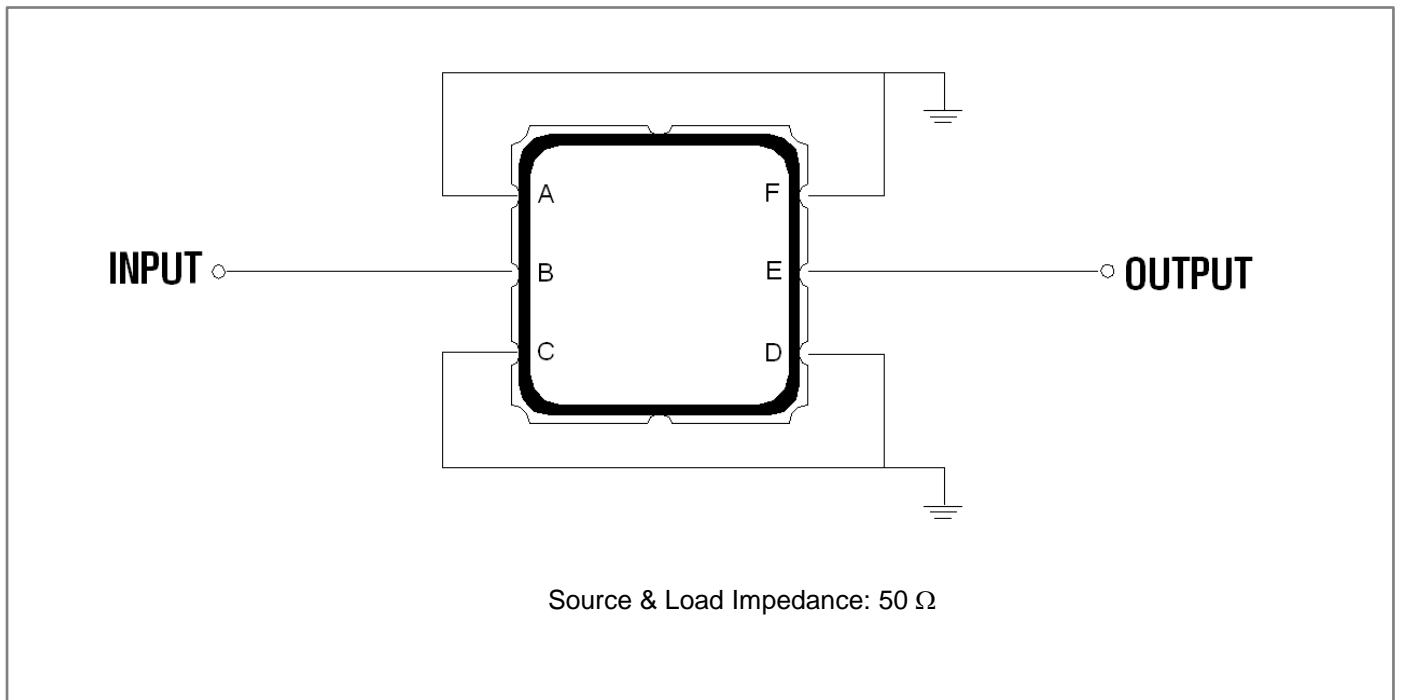
| ELECTRICAL SPECIFICATION | | | | |
|------------------------------------|------|---------|---------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Center Frequency (Fo) | MHz | - | 463.5 | - |
| Insertion Loss in 461.3 ~465.8 MHz | dB | - | 2.7 | 3.5 |
| Attenuation: | | | | |
| 0.3 ~ 451.3 MHz | dB | 40 | 50 | - |
| 451.3 ~ 455.8 MHz | dB | 35 | 46 | - |
| 485.0 ~ 507.5 MHz | dB | 40 | 50 | - |
| 507.5 ~ 1200 MHz | dB | 30 | 42 | - |
| 1200 ~ 2000 MHz | dB | 20 | 35 | - |
| VSWR in 461.3 ~ 465.8 MHz | - | - | 1.5 | 2.0 |

Notes : (1) No Matching Network

Package Dimensions

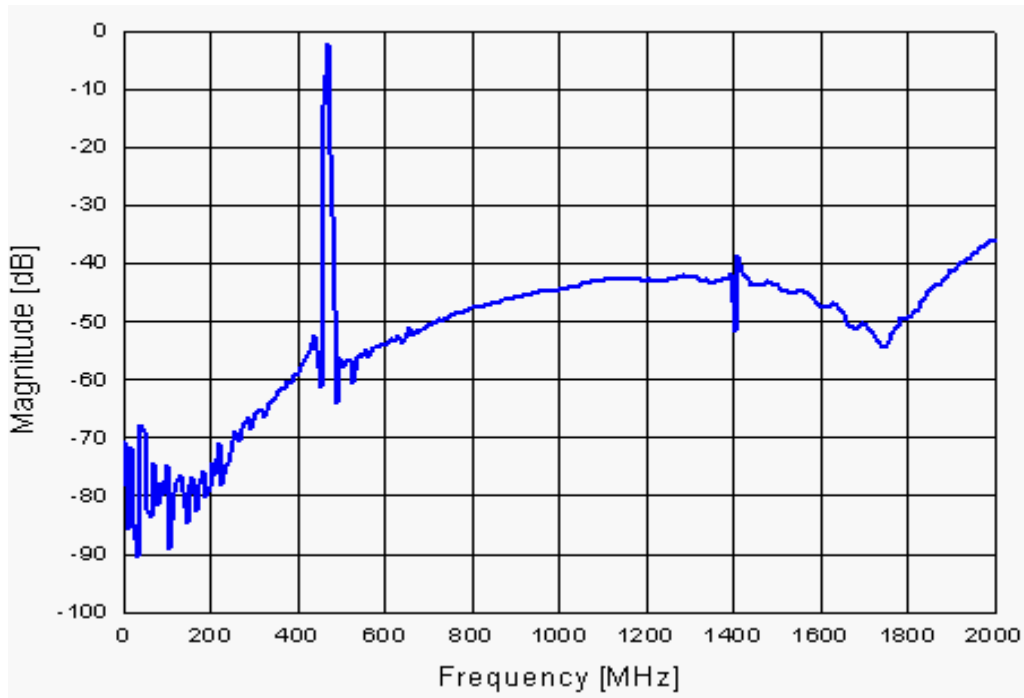
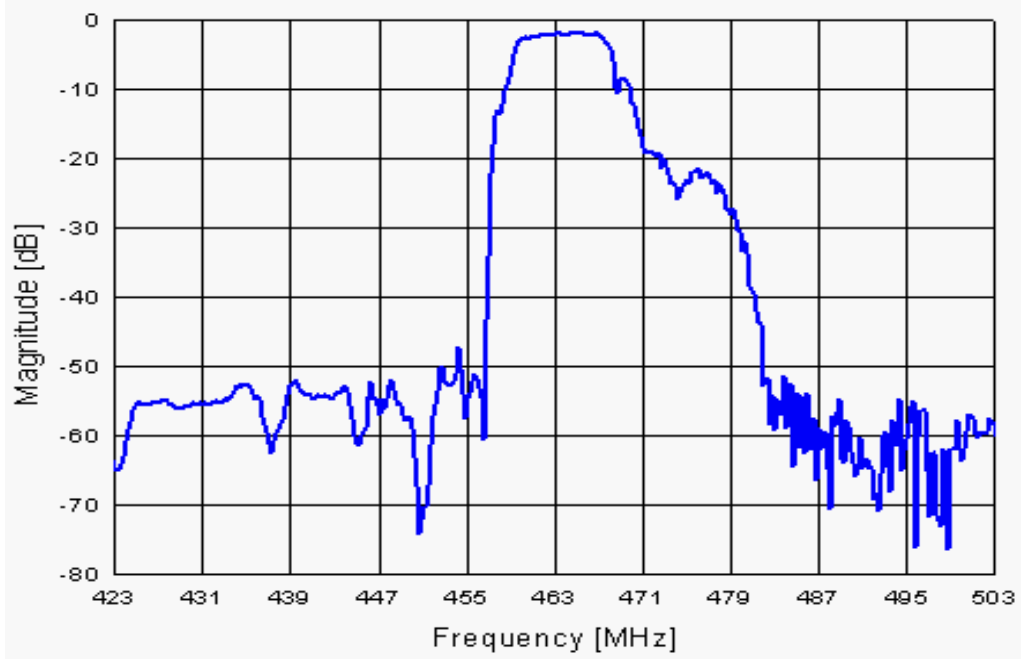


Testing Environment

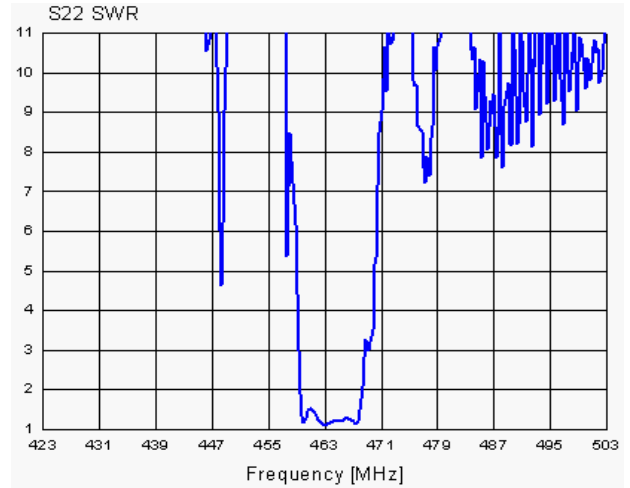
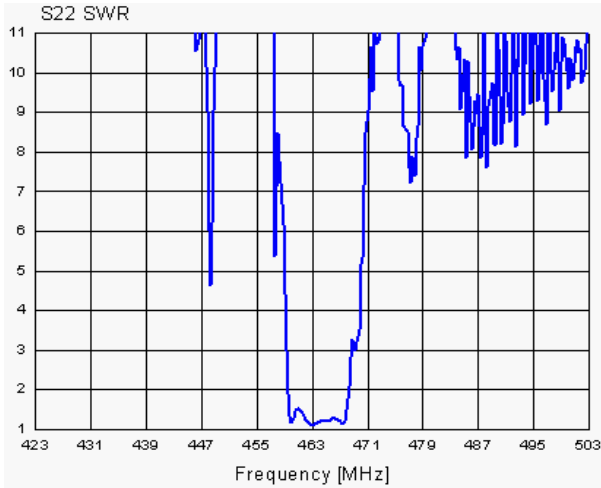


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

