



**Data Sheet**



Product Category: RF SAW Filter

|                 |               |                 |               |
|-----------------|---------------|-----------------|---------------|
| Part Number     | Package       | Application     | Last Modified |
| 802-RF422.25M-B | 3.0 x 3.0 SMD | CDMA450(L-Band) | Jan. 01, 2007 |

TYPE :

CDMA450(L-Band), RF-Rx SAW Filter



PART NUMBER :

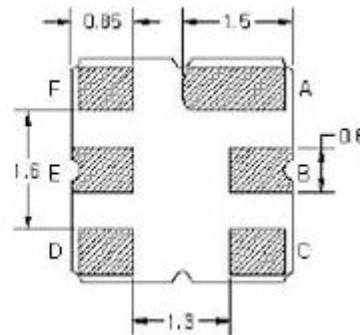
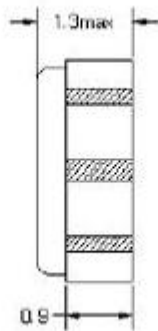
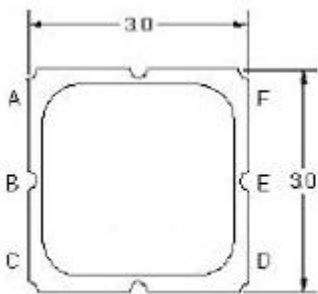
**802-RF422.25M-B**

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

| PARAMETERS                       | Condition         | Minimum | Typical | Maximum | Units |
|----------------------------------|-------------------|---------|---------|---------|-------|
| Center Frequency (Fo)            | -                 | -       | 422.25  | -       | MHz   |
| Maximum Insertion Loss           | 420.0~424.5MHz    | -       | 3.2     | 4.8     | dB    |
| Stop Band Attenuation:           | 0.3~ 410.0 MHz    | 37      | 47      | -       | dB    |
|                                  | 410.06~ 414.5 MHz | 35      | 49      | -       |       |
|                                  | 445.0~ 600.0MHz   | 40      | 48      | -       |       |
|                                  | 600~ 1200.0 MHz   | 40      | 47      | -       |       |
|                                  | 1200~ 2000.0 MHz  | 30      | 40      | -       |       |
| Source Impedance (single ended)* | -                 | -       | 50      | -       | ohm   |
| Load Impedance (single ended)*   | -                 | -       | 50      | -       | ohm   |
| VSWR                             | 420.0~424.5MHz    | -       | 2.0     | 2.4     | -     |
| Maximum Input Power              | -                 | -       | -       | 27      | dBm   |
| Operating Temperature            | -                 | -30     | -       | +80     | °C    |

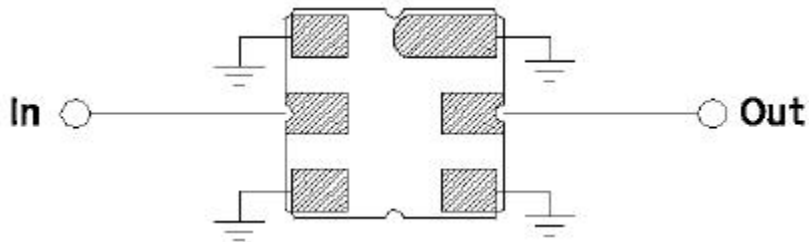
\* No Matching Network

**PACKAGE OUTLINE (mm)**



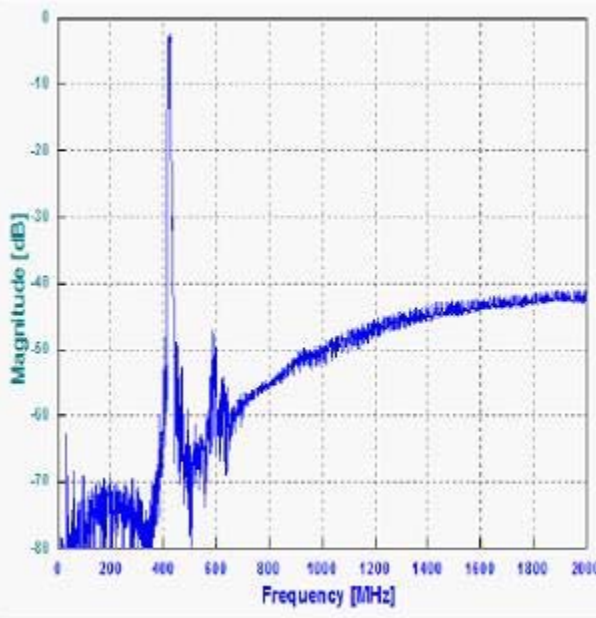
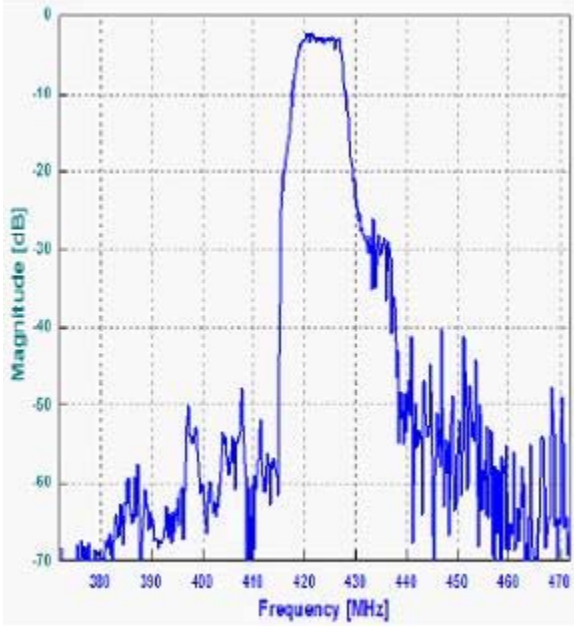
| PIN LAYOUT |        |
|------------|--------|
| A          | Ground |
| B          | Out    |
| C          | Ground |
| D          | Ground |
| E          | In     |
| F          | Ground |

**TEST FIXTURE**

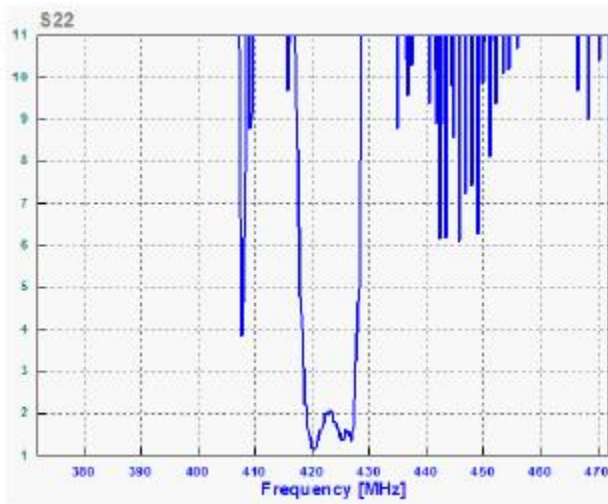
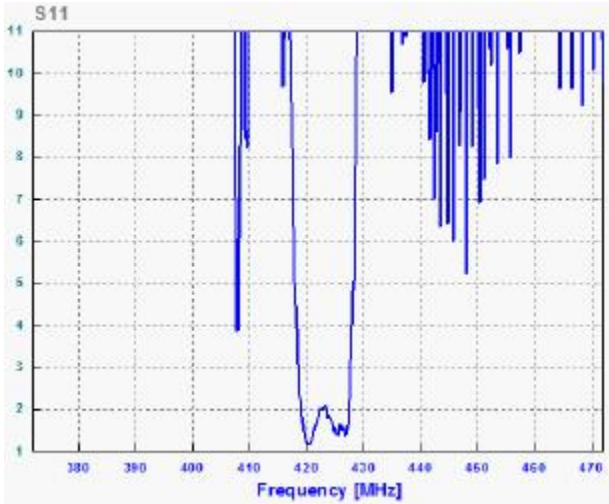


Source/Load Impedance = 50 ohms

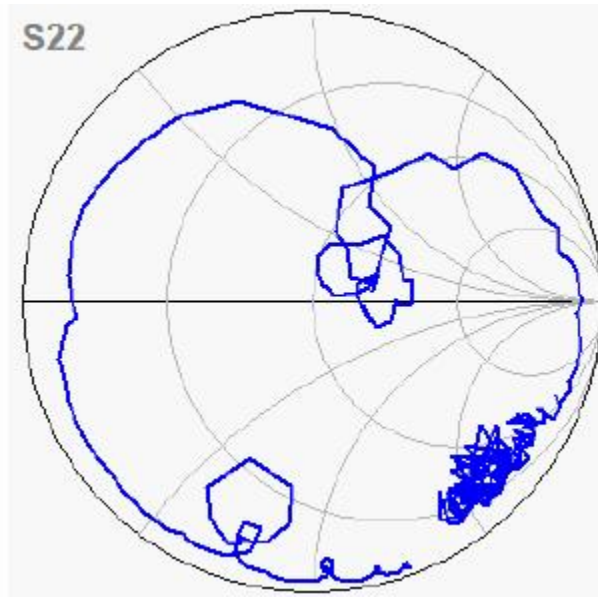
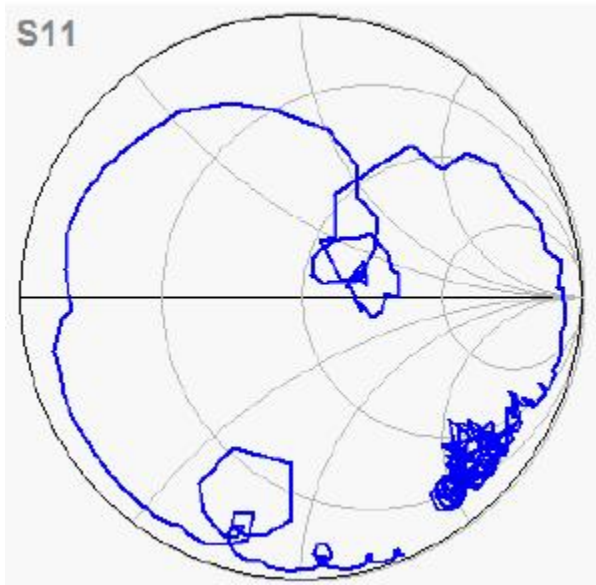
**FREQUENCY RESPONSE**



**VSWR**



**SMITH CHART**



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**Part No.:** 802-RF422.25M-B