



Data Sheet



Product Category: RF SAW Filter

| | | | |
|----------------|---------------|-----------------|---------------|
| Part Number | Package | Application | Last Modified |
| 802-RF453.5M-A | 3.0 x 3.0 SMD | CDMA450(H-Band) | Jan. 01, 2007 |

TYPE :
CDMA450(H-Band), RF-Tx SAW Filter



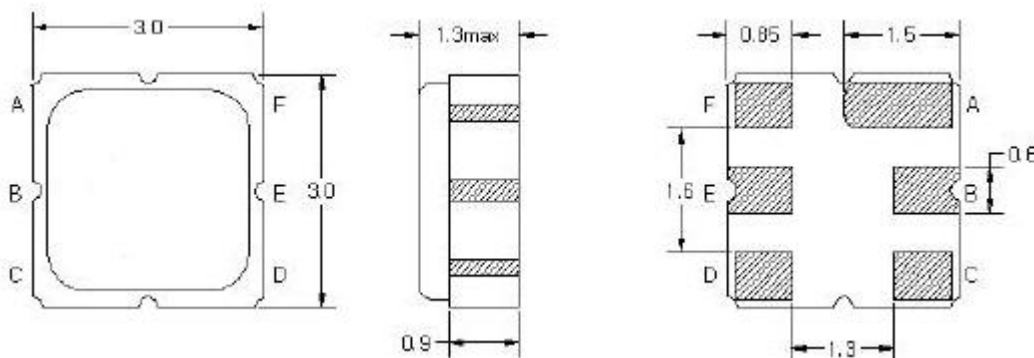
PART NUMBER :
802-RF453.5M-A

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

| PARAMETERS | Condition | Minimum | Typical | Maximum | Units |
|----------------------------------|--------------------|---------|---------|---------|-------|
| Center Frequency (Fo) | - | - | 453.5 | - | MHz |
| Maximum Insertion Loss | 451.3~ 455.8 MHz | - | 1.9 | 3.2 | dB |
| Stop Band Attenuation: | 0.3~ 440.0 MHz | 25 | 28 | - | dB |
| | 461.3~ 465.8 MHz | 30 | 48 | - | |
| | 465.8~ 1700.0MHz | 20 | 25 | - | |
| | 1700.0~ 2000.0 MHz | 15 | 20 | - | |
| Source Impedance (single ended)* | - | - | 50 | - | ohm |
| Load Impedance (single ended)* | - | - | 50 | - | ohm |
| VSWR | 451.3~ 455.8 MHz | - | 1.2 | 2.0 | - |
| Maximum Input Power | - | - | - | 30 | dBm |
| Operating Temperature | - | -30 | - | +80 | °C |

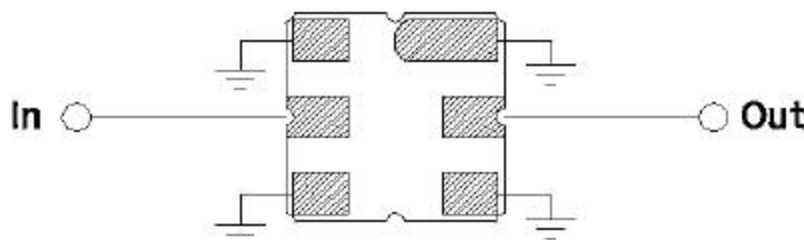
* No Matching Network

PACKAGE OUTLINE (mm)



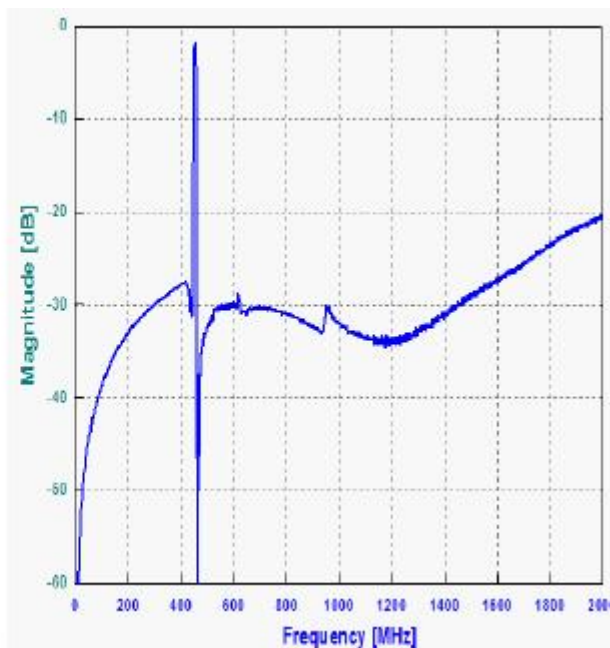
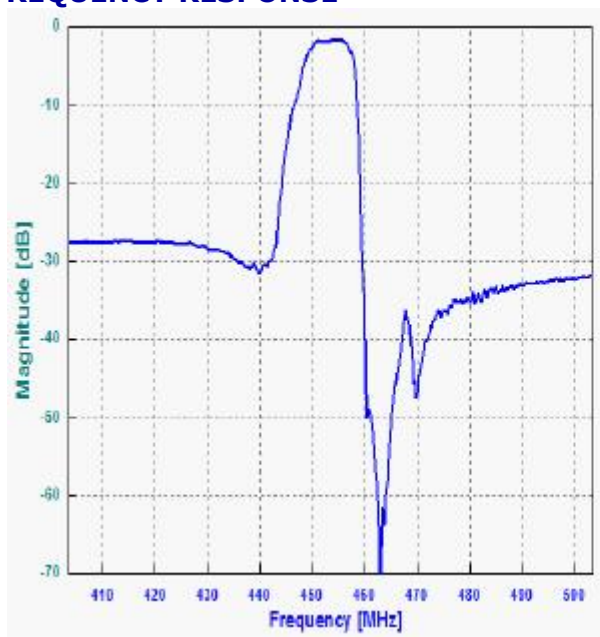
| PIN LAYOUT | |
|------------|--------|
| A | Ground |
| B | Out |
| C | Ground |
| D | Ground |
| E | In |
| F | Ground |

TEST FIXTURE

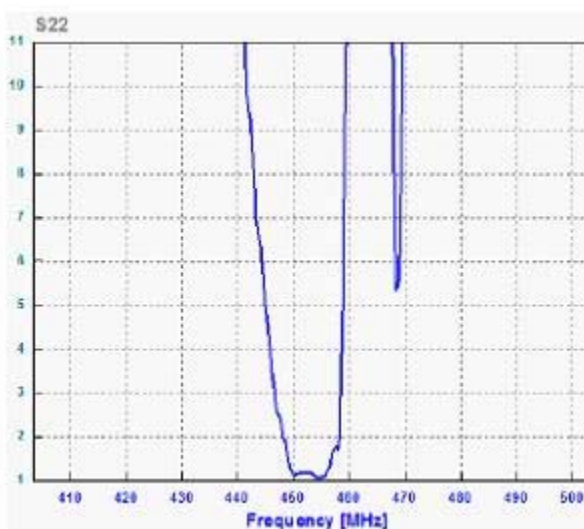
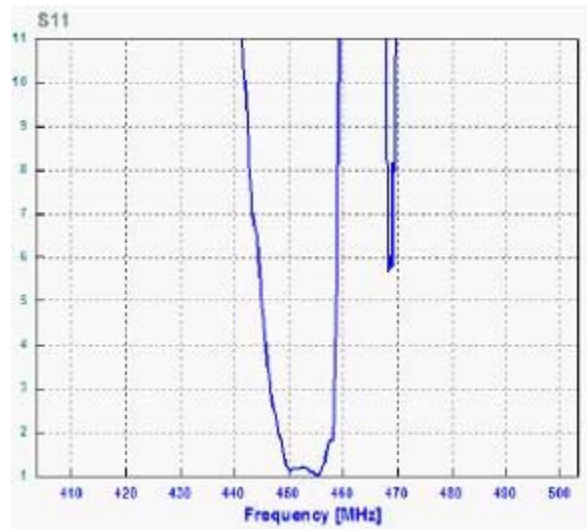


Source/ Load Impedance = 50 ohms

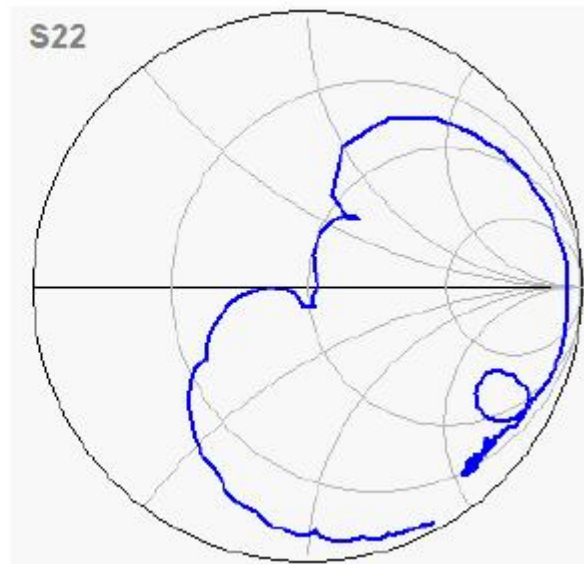
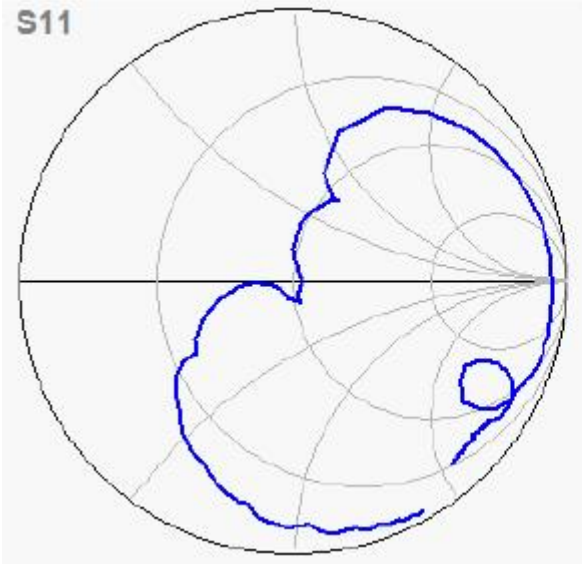
FREQUENCY RESPONSE



VSWR



SMITH CHART



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