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|----------------|---------------|-------------|---------------|
| Part Number | Package | Application | Last Modified |
| 860-RF836.5M-F | 1.6 x 2.0 SMD | CDMA | Mar.10, 2007 |

TYPE :
CDMA, RF-Tx SAW Filter

PART NUMBER :
860-RF836.5M-F

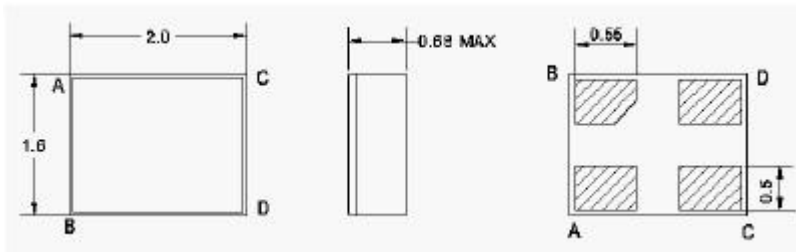


OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

| PARAMETERS | Condition | Minimum | Typical | Maximum | Units |
|----------------------------------|------------------|---------|---------|---------|-------|
| Center Frequency (Fo) | - | - | 836.5 | - | MHz |
| Maximum Insertion Loss | 824.0~ 849.0 MHz | - | 2.1 | 2.9 | dB |
| Attenuation: | DC ~ 770 MHz | 30 | 35 | - | dB |
| | 770 ~ 804 MHz | 32 | 36 | - | |
| | 869 ~ 894 MHz | 40 | 47 | - | |
| | 894 ~ 1080 MHz | 33 | 36 | - | |
| | 1080 ~ 1500 MHz | 32 | 35 | - | |
| | 1500 ~ 2000 MHz | 34 | 38 | - | |
| | 2000 ~ 2600 MHz | 28 | 33 | - | |
| Source Impedance (single ended)* | - | - | 50 | - | ohm |
| Load Impedance (single ended)* | - | - | 50 | - | ohm |
| VSWR | 824.0~ 849.0 MHz | - | 1.9 | 2.2 | dBp-p |
| Amplitude Ripple | 824.0~ 849.0 MHz | - | 0.7 | 1.4 | dBp-p |
| Maximum DC Voltage | - | - | - | 5 | V |
| Maximum Input Power | - | - | - | 15 | dBm |
| Operating Temperature | - | -30 | - | +85 | °C |

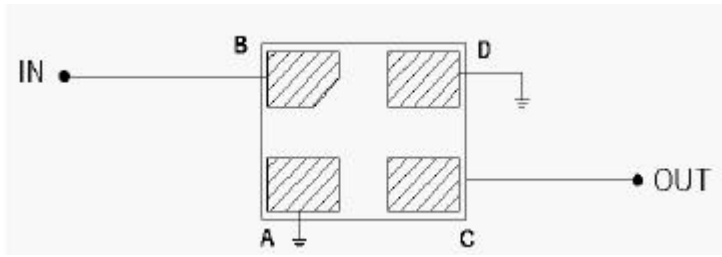
* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

PACKAGE OUTLINE (mm)



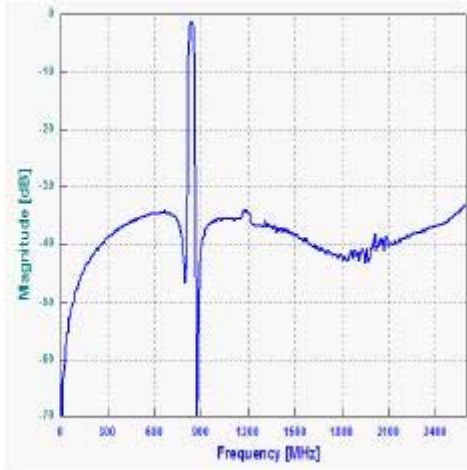
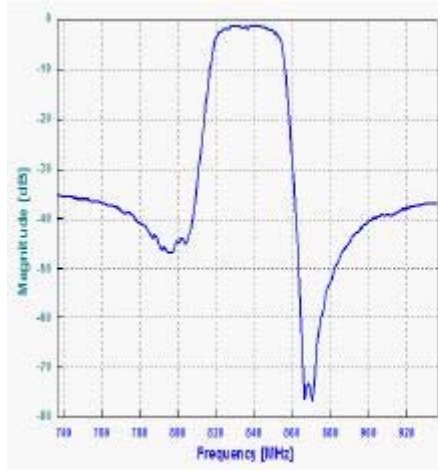
| PIN LAYOUT | |
|------------|--------|
| A | Ground |
| B | In |
| C | Out |
| D | Ground |

TEST FIXTURE

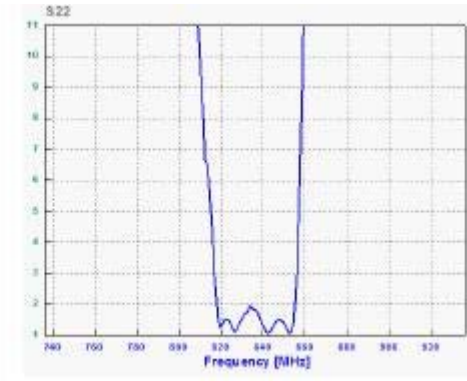
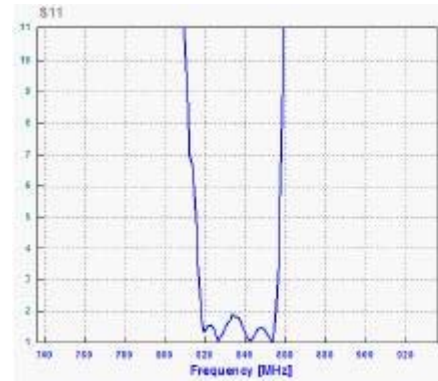


Load/ Source Impedance = 50 ohms

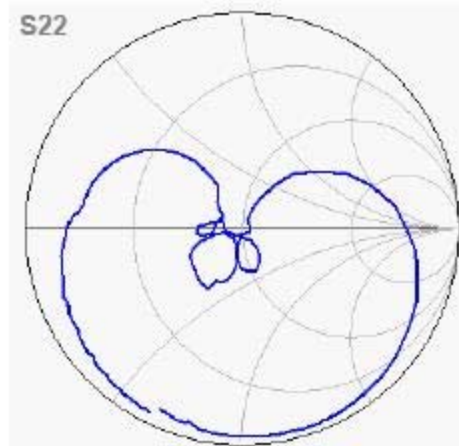
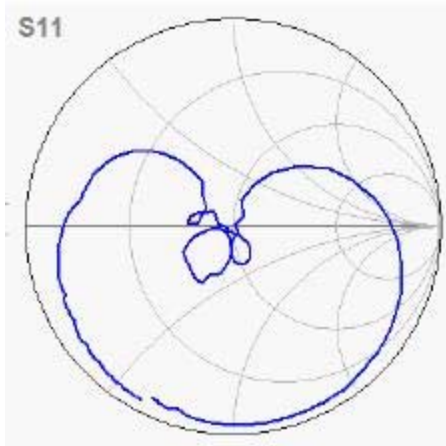
FREQUENCY RESPONSE



VSWR



SMITH CHART



Part No.: 860-RF836.5M-F

Oscilent Corporation - CALL **949.252.0522**

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