



**Data Sheet**



Product Category: RF SAW Filter

|                |               |                        |               |
|----------------|---------------|------------------------|---------------|
| Part Number    | Package       | Application            | Last Modified |
| 803-RF416.0M-A | 3.8 x 3.8 SMD | Wireless Communication | Mar. 2 2007   |

TYPE :  
416.0 MHz RF SAW Filter



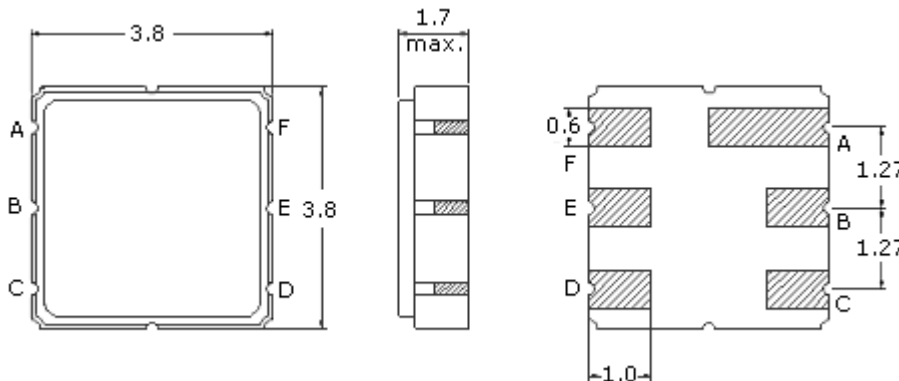
PART NUMBER :  
**803-RF416.0M-A**

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

| PARAMETERS            | Condition                | Minimum | Typical | Maximum | Units  |
|-----------------------|--------------------------|---------|---------|---------|--------|
| Center Frequency (Fo) | -                        | -       | 416.0   | -       | MHz    |
| Insertion Loss        | 415.0 ~ 417.0 MHz        | -       | 2.7     | 4.0     | dB     |
| Ripple                | 415.0 ~ 417.0 MHz        | -       | 0.7     | 1.5     | dB     |
| Relative Attenuation  | Fo -200.0 ~ Fo -17.0 MHz | 40.0    | 52.0    | -       | dB     |
|                       | Fo +17.0 ~ Fo +200.0 MHz | 40.0    | 47.0    | -       |        |
| Terminating Impedance | -                        | -       | 50/0    | -       | ohm/pF |

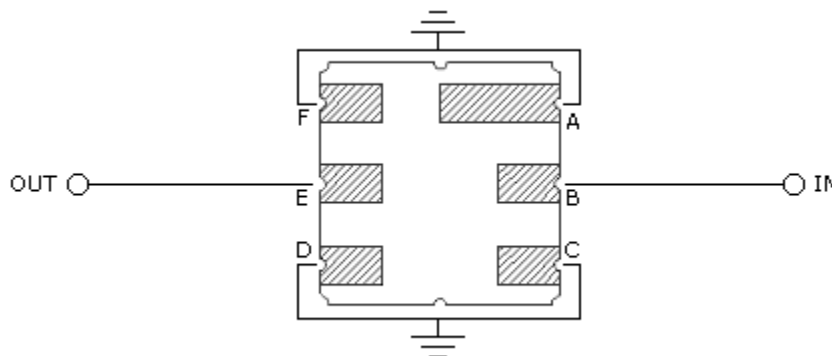
\* Custom SAW RF Filters available. Contact Oscilent for assistance.

**PACKAGE OUTLINE**

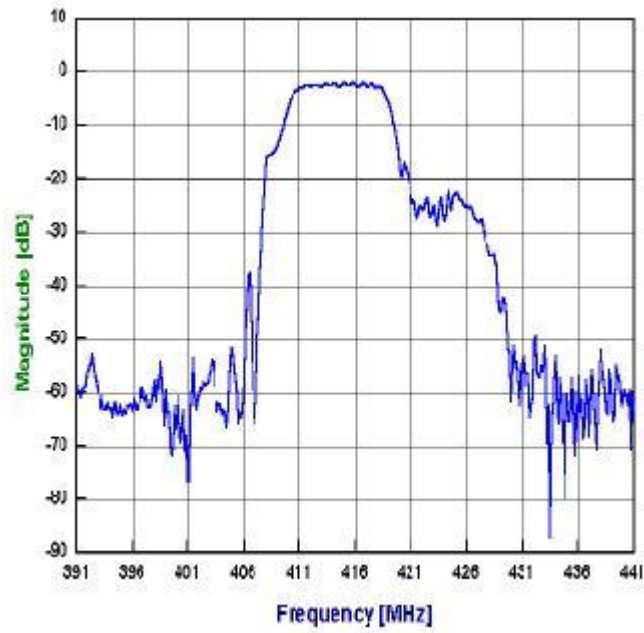


| Pin Layout |        |
|------------|--------|
| A          | Ground |
| B          | Input  |
| C          | Ground |
| D          | Ground |
| E          | Output |
| F          | Ground |

**TEST FIXTURE**



**FREQUENCY RESPONSE**



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**Part No.:** 803-RF416.0M-A