



Total Solution Provider in Saw Device

SA395AP

Wireless, RF SAW Filter
Revision 0: April 2007



- Electrical Characteristics
 - Package Dimensions
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 - Frequency Characteristics
-

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□ Electrical Characteristics

Maximum Ratings

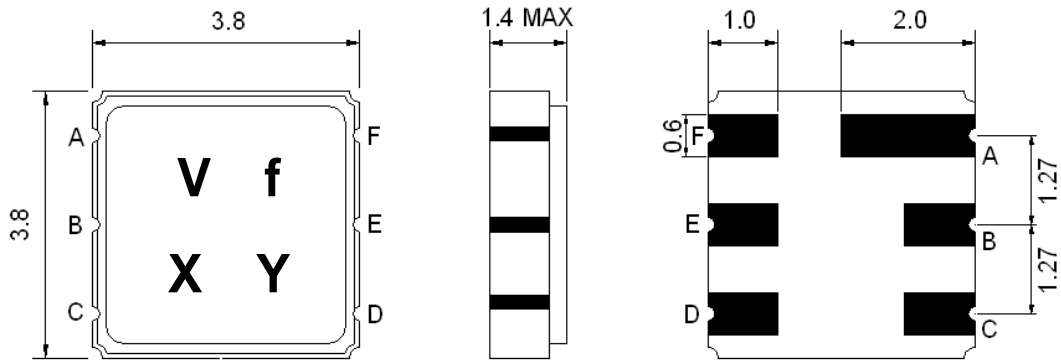
| Parameters Description | Unit | Minimum | Typical | Maximum |
|--|-----------------|---------|-----------|---------|
| Operating Temperature Range | °C | -30 | - | +80 |
| Storage Temperature Range | °C | -40 | - | +85 |
| Maximum DC Voltage | V | - | - | 0 |
| Maximum Input Power | dBm | - | - | 10 |
| 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 | - | 395.0 | |
| Insertion Loss within 390.0 ~ 400.0 MHz | dB | - | 1.3 | 3.5 |
| Amplitude Ripple within 390.0 ~ 400.0 MHz | dB _{p-p} | - | 1.0 | 2.0 |
| Attenuation: | | | | |
| 290.0 ~ 370.0 MHz | dB | 50 | 65 | - |
| 430.0 ~ 490.0 MHz | dB | 45 | 55 | - |

Notes : (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

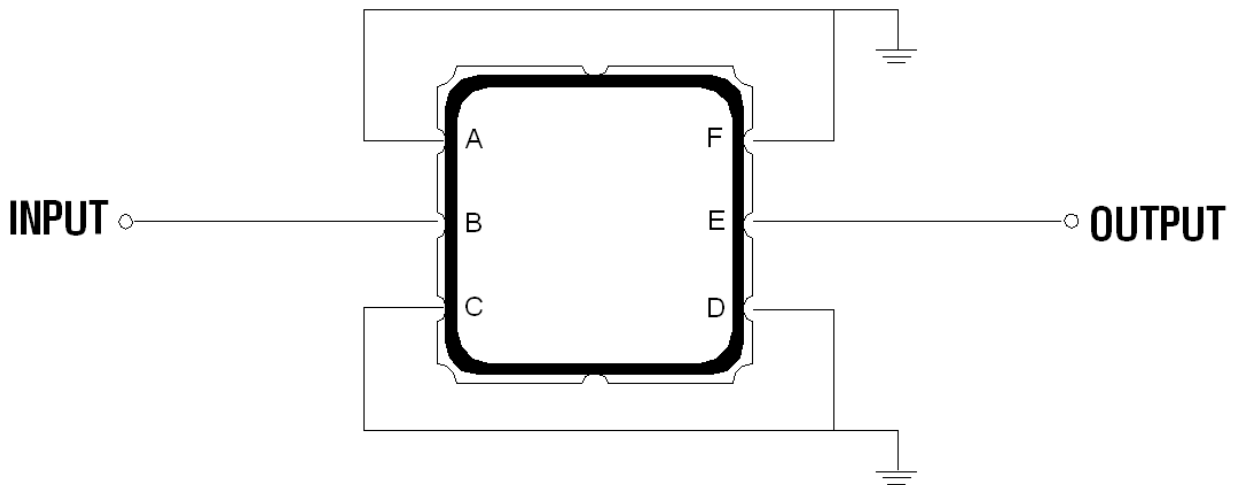
Package Dimensions



| Marking Descriptions | |
|----------------------|----------------------|
| V | Wireless Application |
| f | Series Number |
| X | Date Code(Year) |
| Y | Date Code(Month) |

| Pin Description | |
|-----------------|--------|
| A, C, D, F | Ground |
| B | In |
| E | Out |

Testing Environment



Source & Load Impedance: 50 Ω

□ Frequency Characteristics

Frequency Response

