



433.92 MHz Saw Filter
Part Number: AM433S819

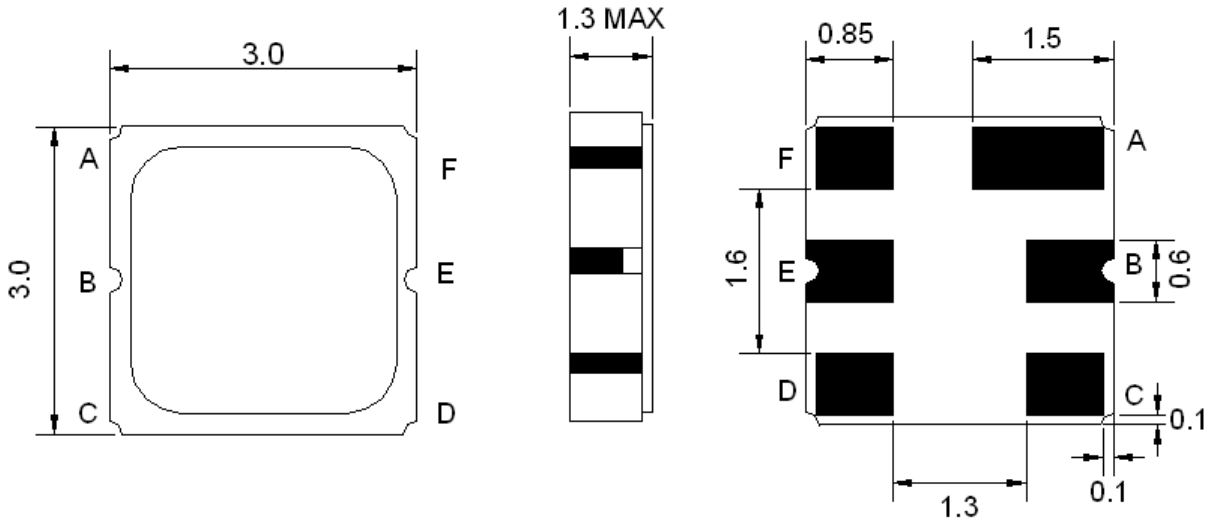


| Parameters Description | Unit | Minimum | Typical | Maximum |
|---|------|---------|---------|---------|
| Center Frequency (Fo) | MHz | - | 433.92 | - |
| Insertion Loss | dB | - | 3.0 | 4.0 |
| Passband (Relative to IL) | | | | |
| 433.67 ~ 434.17 MHz | dB | - | 0.7 | 3.0 |
| Pass Bandwidth (Relative to IL) BW ₃ | kHz | 500 | 950 | - |
| Attenuation: | | | | |
| 10.0 ~ 412.5 MHz | dB | 47 | 52 | - |
| 412.5 ~ 423.22 MHz | dB | 40 | 45 | - |
| 423.22 ~ 432.92 MHz | dB | 15 | 22 | - |
| 434.92 ~ 444.62 MHz | dB | 10 | 15 | - |
| 444.62 ~ 455.32 MHz | dB | 38 | 43 | - |
| 455.32 ~ 1000.0 MHz | dB | 43 | 48 | - |

| Parameters Description | Unit | Minimum | Typical | Maximum |
|--|--------------------|---------|---------|---------|
| Operation Temperature Range | °C | -40 | - | +85 |
| Storage Temperature Range | °C | -40 | - | +85 |
| Maximum DC Voltage | V | - | - | 3 |
| Maximum Input Power | dBm | - | - | 10 |
| Source Impedance (Single Ended) ₁ | Ω | - | 50 | - |
| Load Impedance (Single Ended) ₁ | Ω | - | 50 | - |
| Package Size and Type | 3.0 x 3.0 x 1.3 mm | | M | |



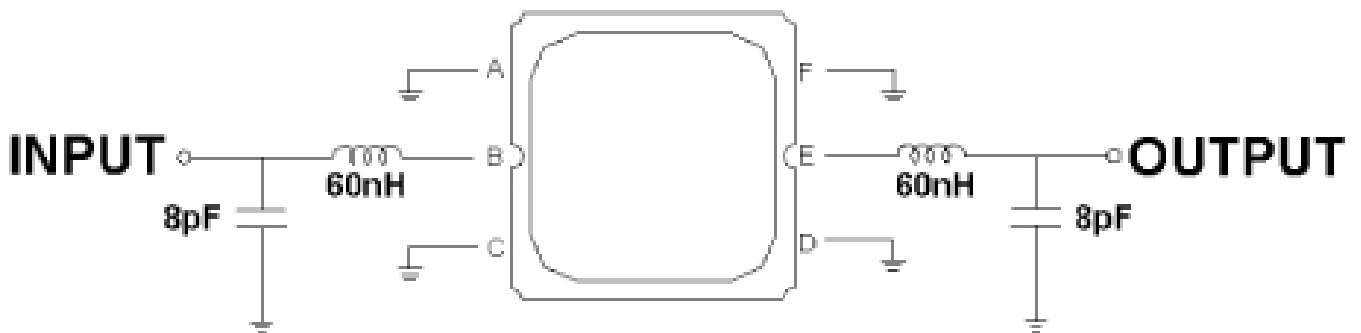
Outline Drawing:



Pin Description

- Ground – A C D F G H
- In or Out – B
- Out or In - E

Testing Environment:



Source/Load Impedance – 50 Ω



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Frequency Response:

