



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1575 MHz GPS RF Saw Filter

Part Number: AM1575S379

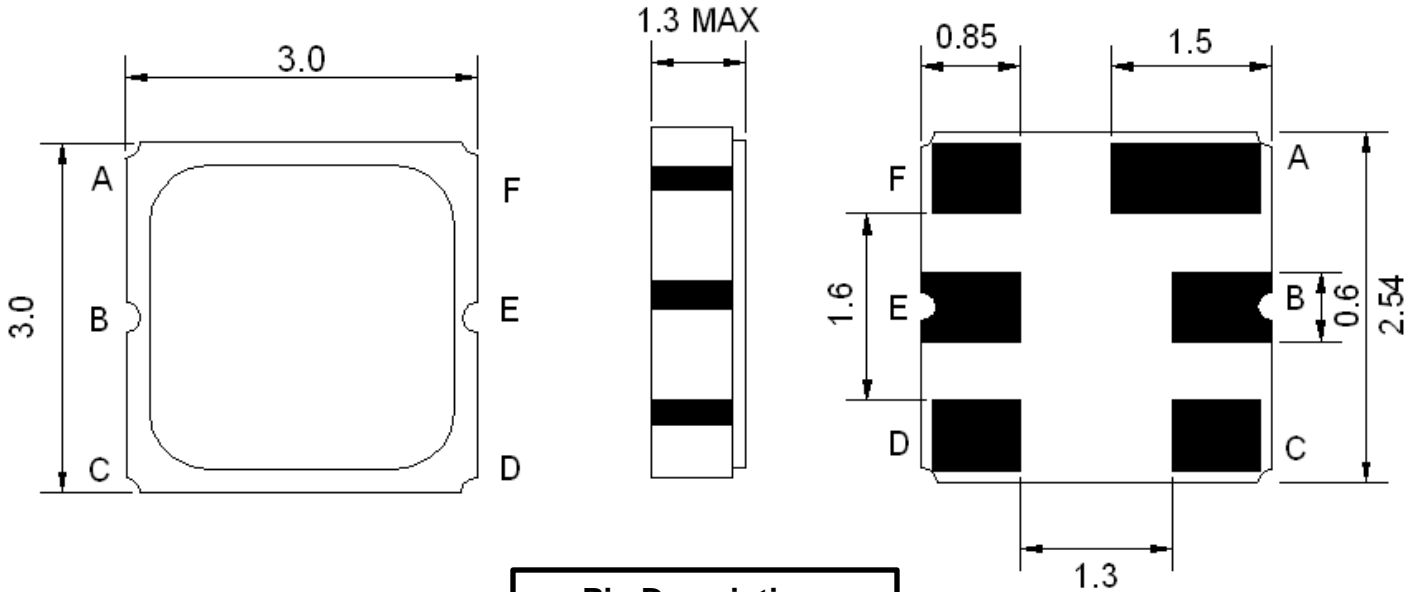


| Parameters Description | Unit | Minimum | Typical | Maximum |
|---|-------|---------|---------|---------|
| Center Frequency (Fo) | MHz | - | 1575.42 | - |
| Insertion Loss within 1574.42 ~ 1576.42 MHz | dB | - | 0.65 | 0.95 |
| Amplitude Ripple within 1574.42 ~ 1576.42 MHz | dBp-p | - | 0.05 | 0.30 |
| VSWR within 1574.42 ~ 1576.42 MHz | - | - | 1.15 | 1.6 |
| Attenuation: | | | | |
| 500 ~ 894 MHz | dB | 20 | 25 | - |
| 894 ~ 1500 MHz | dB | 21 | 27 | - |
| 1650 ~ 2000 MHz | dB | 25 | 29 | - |
| 2000 ~ 4000 MHz | dB | 17 | 23 | - |

| Parameters Description | Unit | Minimum | Typical | Maximum |
|--|--------------------|---------|---------|---------|
| Operation Temperature Range | °C | -40 | - | +85 |
| Storage Temperature Range | °C | -40 | - | +85 |
| Maximum DC Voltage | V | - | - | 5 |
| 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 | |



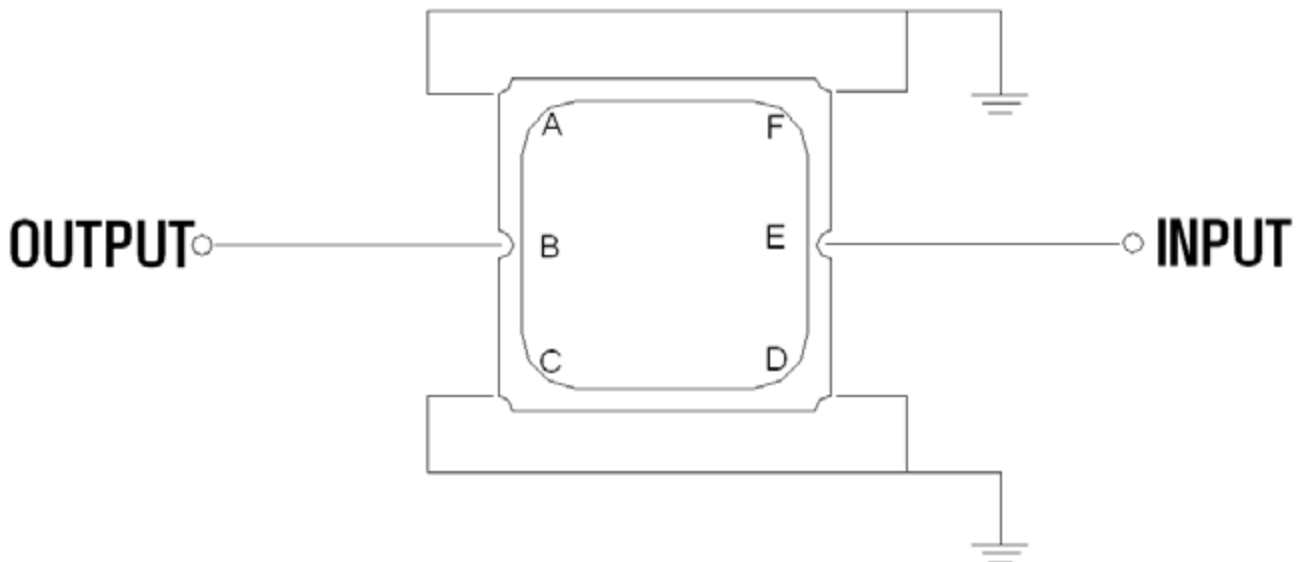
Outline Drawing:



Pin Description:

Ground – A C D F
 Input – E
 Output – B

Testing Environment:



Source/Load Impedance: 50 Ω



Response Plot:

