

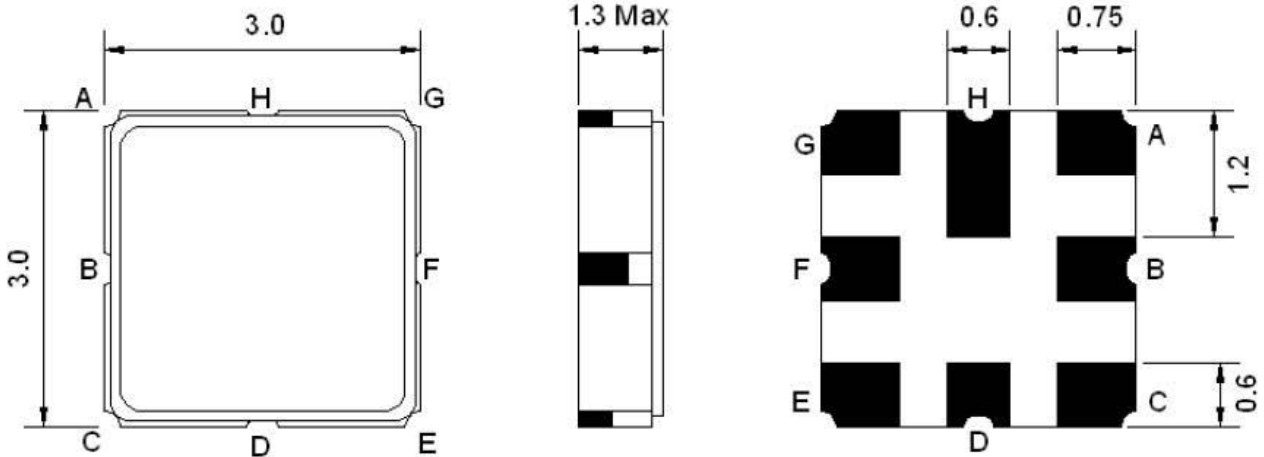


| Parameters Description | Unit | Minimum | Typical | Maximum |
|---|-------------------|---------|---------|---------|
| Center Frequency (Fo) | MHz | - | 1542 | - |
| Insertion Loss within 1525 ~ 1559 MHz | dB | - | 3.0 | 4.35` |
| Amplitude Ripple within 1525 ~ 1559 MHz | dB _{p-p} | - | 0.6 | 1.5 |
| VSWR within 1525 ~ 1559 MHz | - | - | 1.7 | 2.2 |
| Attenuation: | | | | |
| DC ~ 1000 MHz | dB | 50 | 60 | - |
| 1000 ~ 1480 MHz | dB | 37 | 50 | - |
| 1480 ~ 1490 MHz | dB | 20 | 42 | - |
| 1575 MHz | dB | 2 | 10 | - |
| 1600 ~ 1650 MHz | dB | 20 | 30 | - |
| 1650 ~ 1785 MHz | dB | 35 | 43 | - |
| 1785 ~ 2200 MHz | dB | 33 | 50 | - |
| 2200 ~ 2500 MHz | dB | 28 | 45 | - |
| 2500 ~ 4000 MHz | dB | 20 | 30 | - |

| Parameters Description | Unit | Minimum | Typical | Maximum |
|--|--------------------|---------|---------|---------|
| Operation Temperature Range | °C | -40 | - | +85 |
| Maximum Input Power | dBm | - | - | 15 |
| Source Impedance (Single Ended) ₁ | Ω | - | 50 | - |
| Load Impedance (Balanced Ended) ₁ | Ω | - | 50 | - |
| Package Size and Type | 3.0 x 3.0 x 1.3 mm | | M1 | |



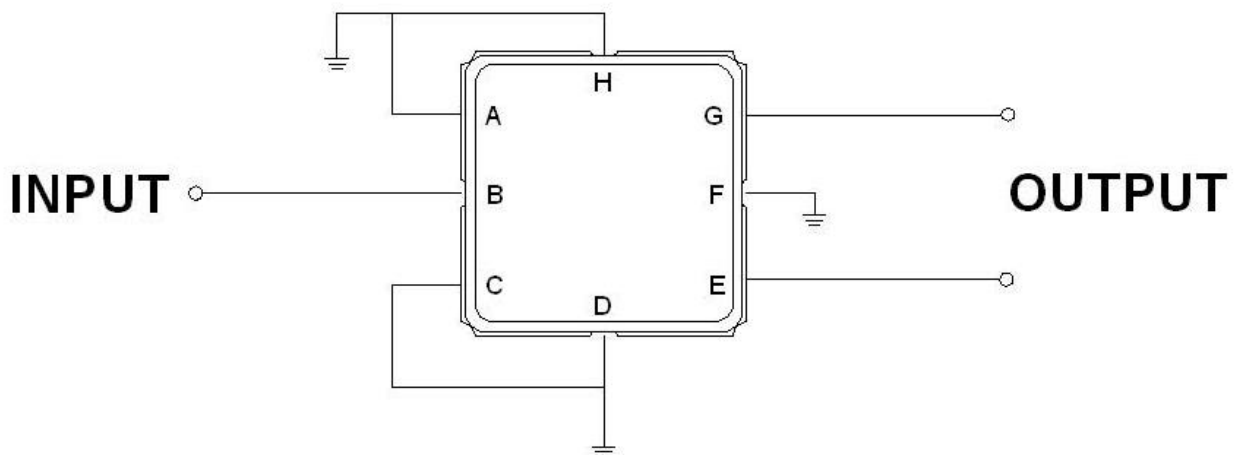
Outline Drawing:



Pin Description:

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

Testing Environment:



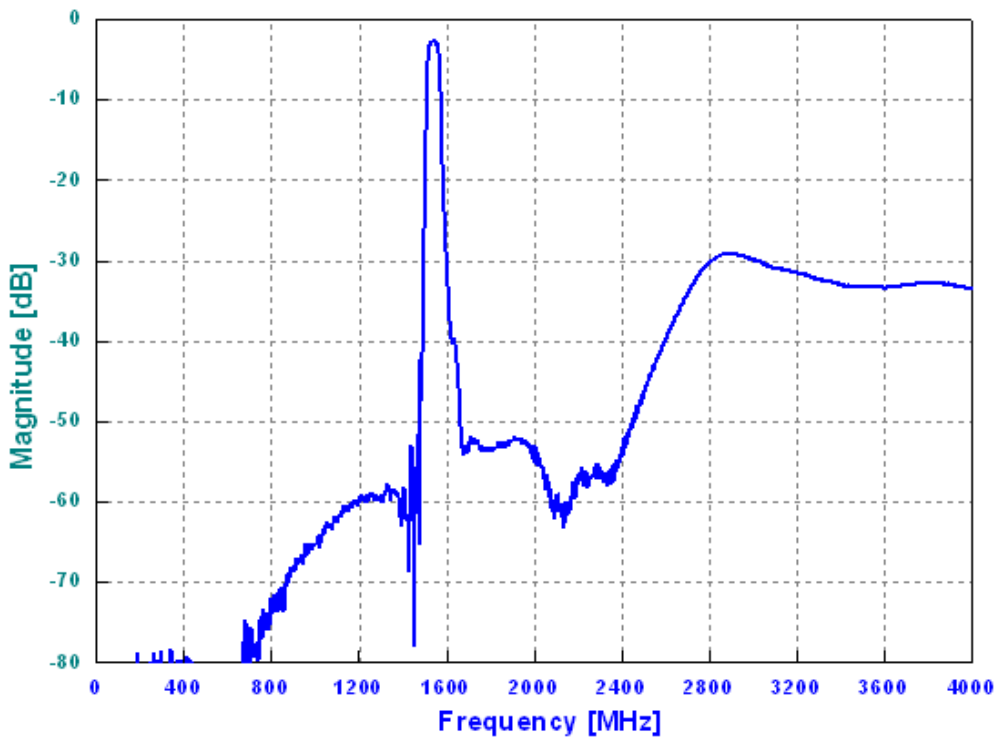
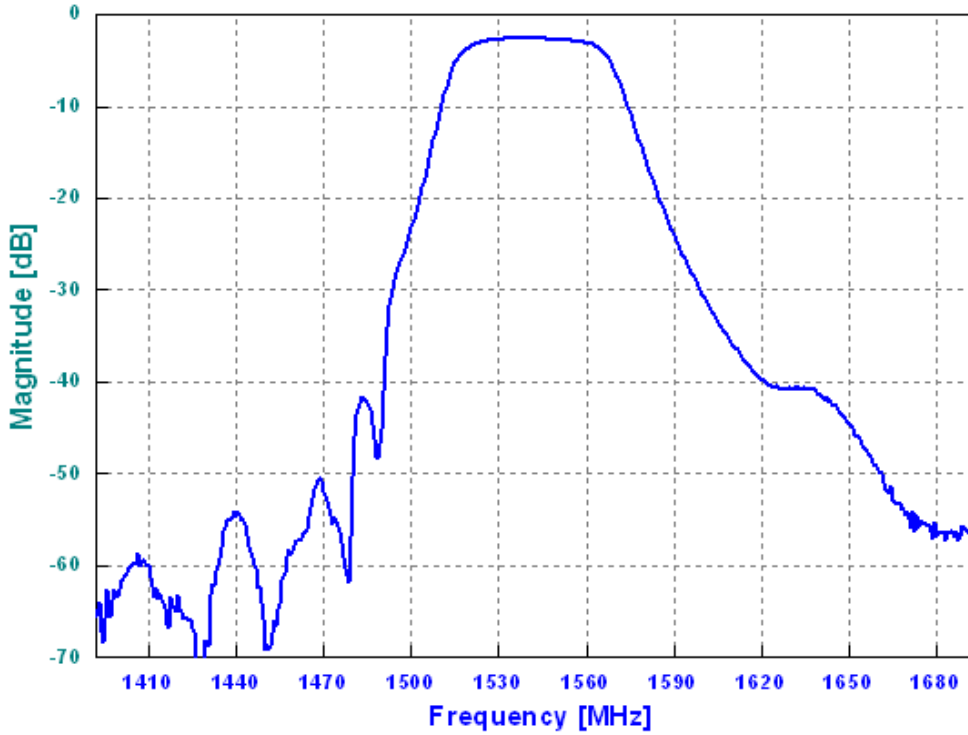
Source/Load Impedance: 50 Ω

Tolerances:

2 decimal places: +/-0.01 inches [+/- 0.3mm]
 3 decimal places: +/- 0.005 inches [+/- 0.13mm]
 Angles: +/- 1 Deg.

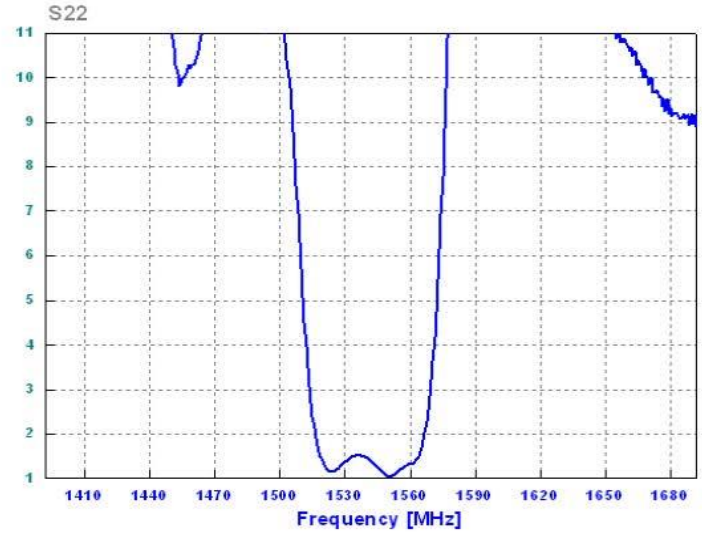
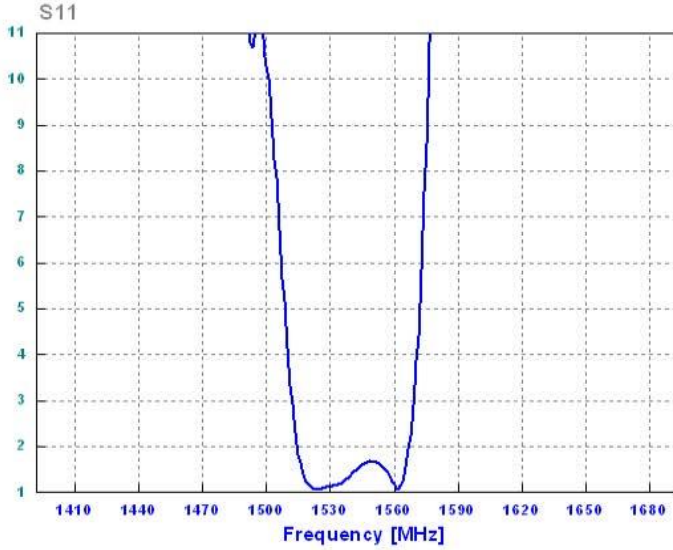


Response Plot:





VSWR



Smith Chart

