

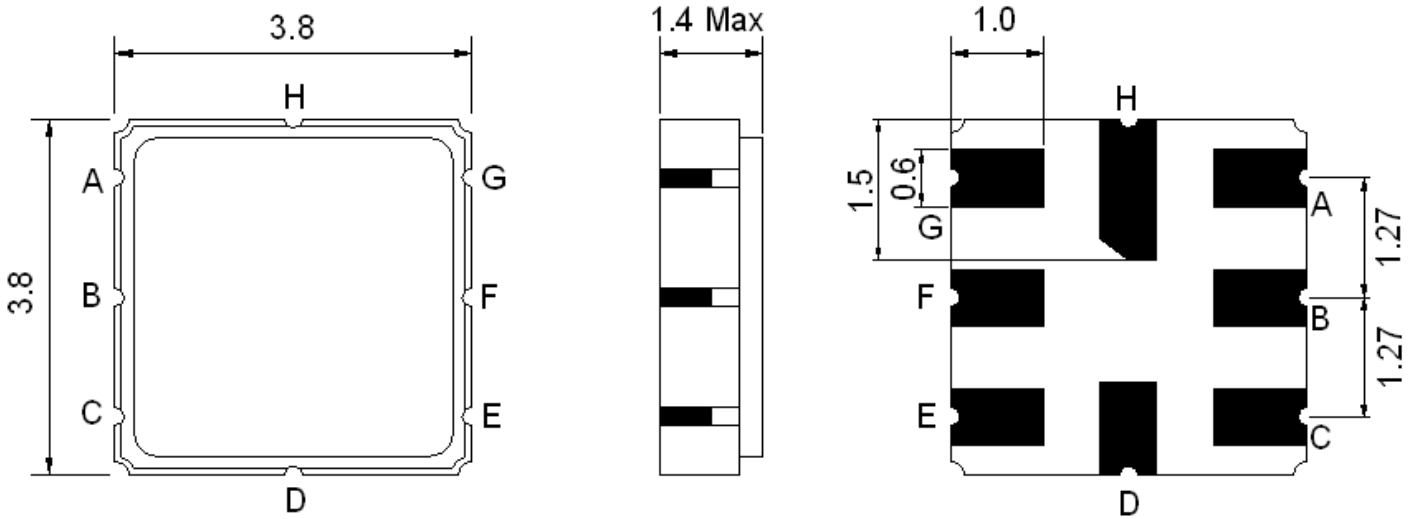


| Parameters Description | Unit | Minimum | Typical | Maximum |
|---|-------------------|---------|---------|---------|
| Center Frequency (Fo) | MHz | - | 1090.0 | - |
| Insertion Loss within 1084 ~ 1096 MHz | dB | - | 0.9 | 2.0 |
| Amplitude Ripple within 1084 ~ 1096 MHz | dB _{p-p} | - | 0.3 | 1.0 |
| Attenuation: | | | | |
| 500 ~ 924 MHz | dB | 45 | 48 | - |
| 924 ~ 944 MHz | dB | 45 | 50 | - |
| 944 ~ 1051 MHz | dB | 40 | 47 | - |
| 1051 ~ 1061 MHz | dB | 30 | 36 | - |
| 1170 ~ 2000 MHz | dB | 40 | 43 | - |

| Parameters Description | Unit | Minimum | Typical | Maximum |
|--|--------------------|---------|---------|---------|
| Operation Temperature Range | °C | 0 | - | +85 |
| Maximum DC Voltage | V | - | - | 0 |
| Maximum Input Power | dBm | - | - | 0 |
| Source Impedance (Balanced Ended) ₁ | Ω | - | 50 | - |
| Load Impedance (Balanced Ended) ₁ | Ω | - | 50 | - |
| Package Size and Type | 3.8 x 3.8 x 1.4 mm | | P1 | |

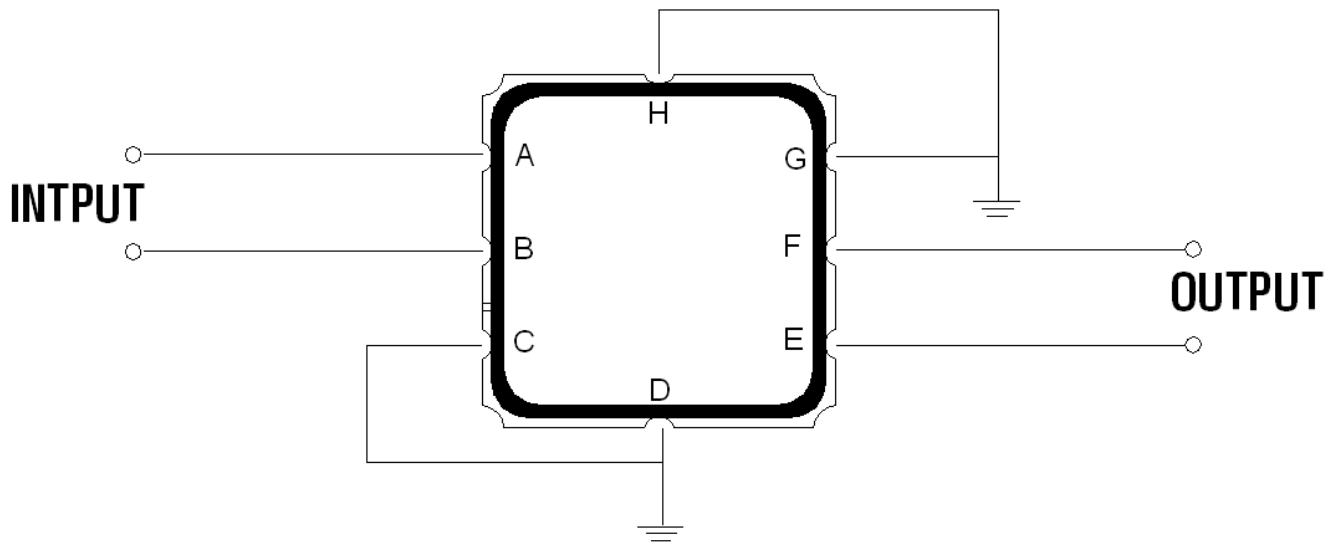


Outline Drawing:



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

Testing Environment:



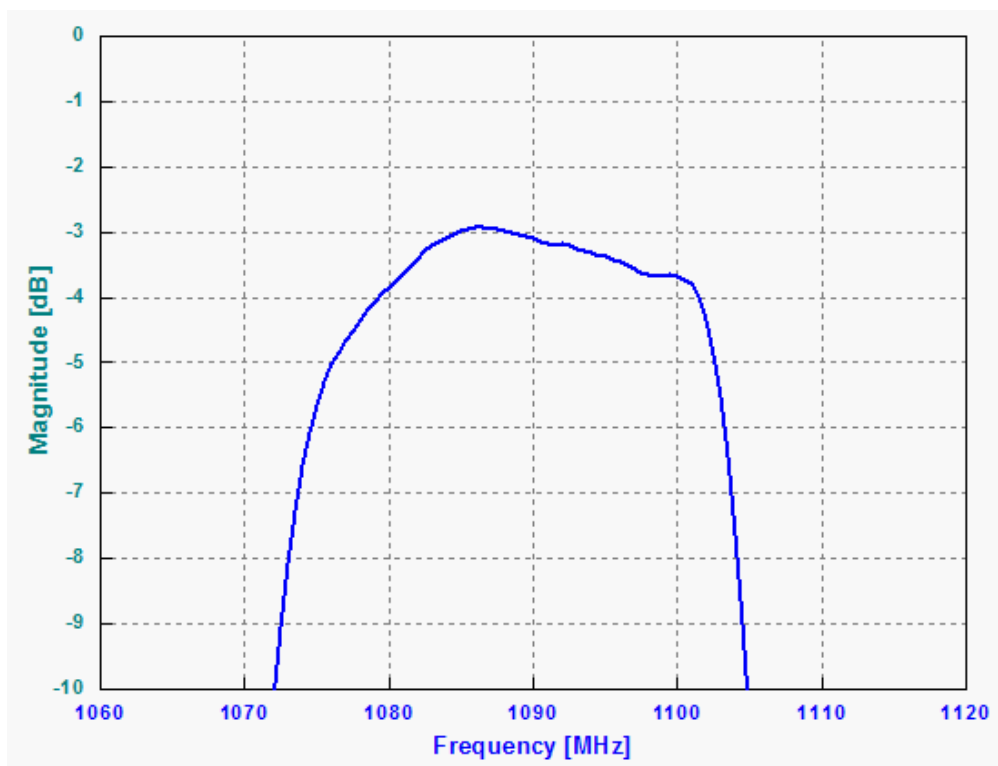
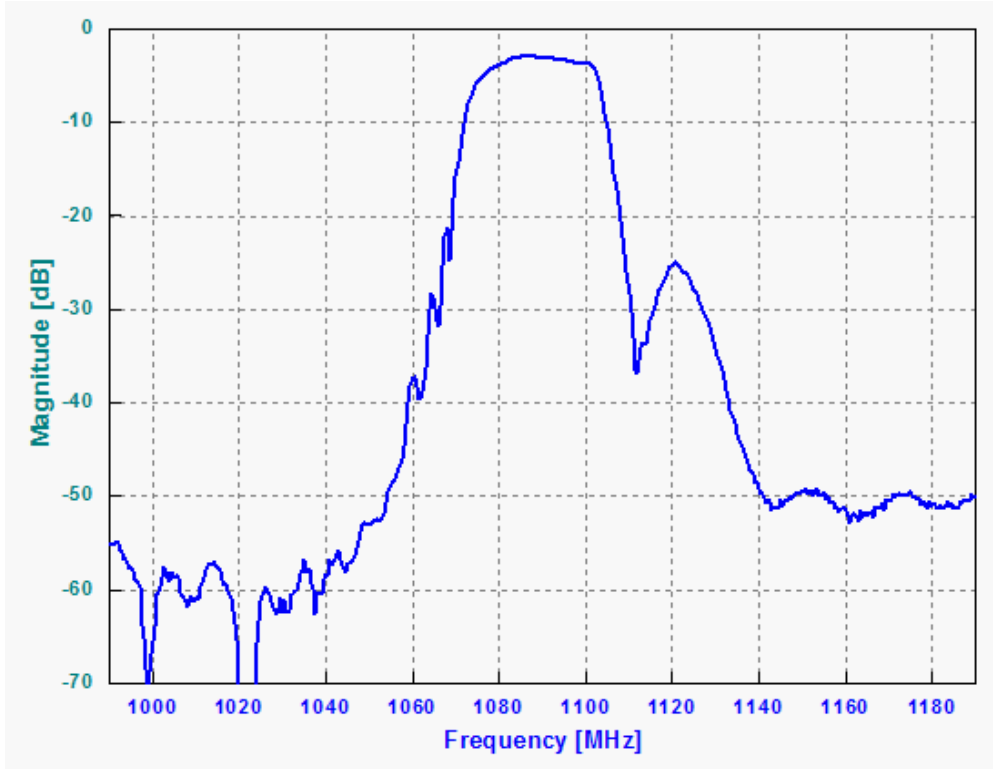


1090 MHz Saw Filter

Part Number: AM1090S923

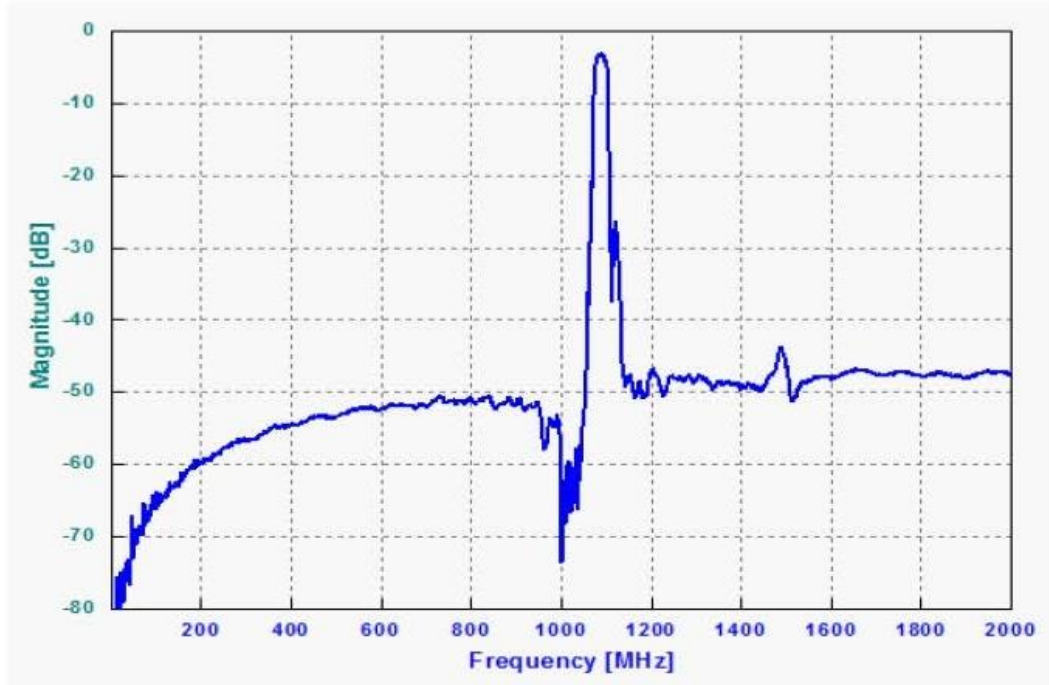


Response Plot:





Wide Band



Smith Chart

