



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

462 MHz CDMA 450 C-Band RF-Rx Saw Filter

Part Number: AM462S488

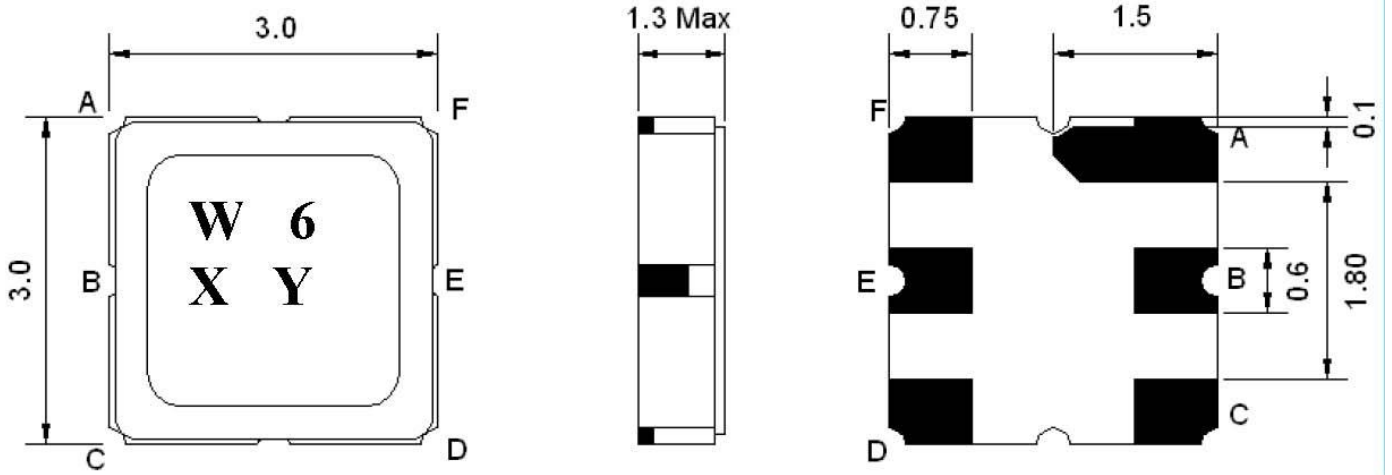


| Parameters Description | Unit | Minimum | Typical | Maximum |
|-------------------------------------|------|---------|---------|---------|
| Center Frequency (Fo) | MHz | - | 462.4 | - |
| Insertion Loss in 460.0 ~ 464.8 MHz | dB | - | 2.2 | 4.0 |
| VSWR in 460.0 ~ 464.8 MHz | - | - | 2.2 | 2.5 |
| Attenuation: | | | | |
| DC ~ 440.0 MHz | dB | 45 | 55 | - |
| 450.0 ~ 454.8 MHz | dB | 30 | 43 | - |
| 478.0 ~ 505.0 MHz | dB | 30 | 35 | - |
| 505.0 ~ 1000.0 MHz | dB | 40 | 50 | - |
| 1000.0 ~ 1200.0 MHz | dB | 48 | 55 | - |
| 1200.0 ~ 1700.0 MHz | dB | 48 | 55 | - |
| 1700.0 ~ 2000.0 MHz | dB | 45 | 50 | - |

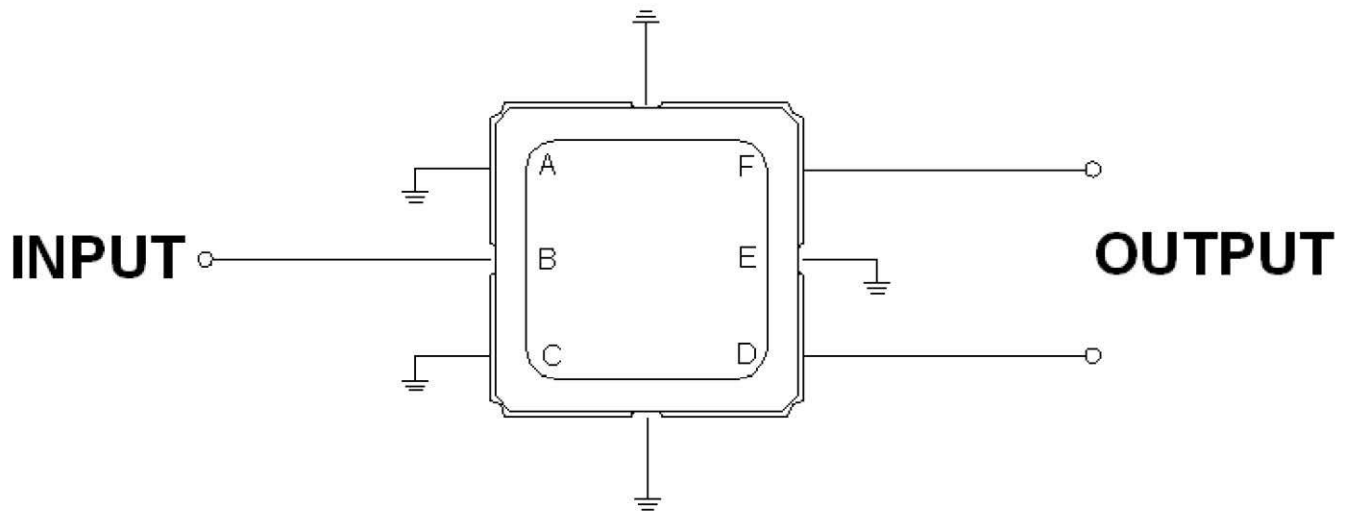
| Parameters Description | Unit | Minimum | Typical | Maximum |
|--|--------------------|---------|---------|---------|
| Operation Temperature Range | °C | -30 | - | +80 |
| Storage Temperature Range | °C | -40 | - | +85 |
| Maximum DC Voltage | V | - | - | 0 |
| Maximum Input Power | dBm | - | - | 25 |
| Source Impedance (Single Ended) ₁ | Ω | - | 50 | - |
| Load Impedance (Single Ended) ₁ | Ω | - | 100 | - |
| Package Size and Type | 3.0 x 3.0 x 1.3 mm | | M3 | |



Outline Drawing:



Testing Environment:

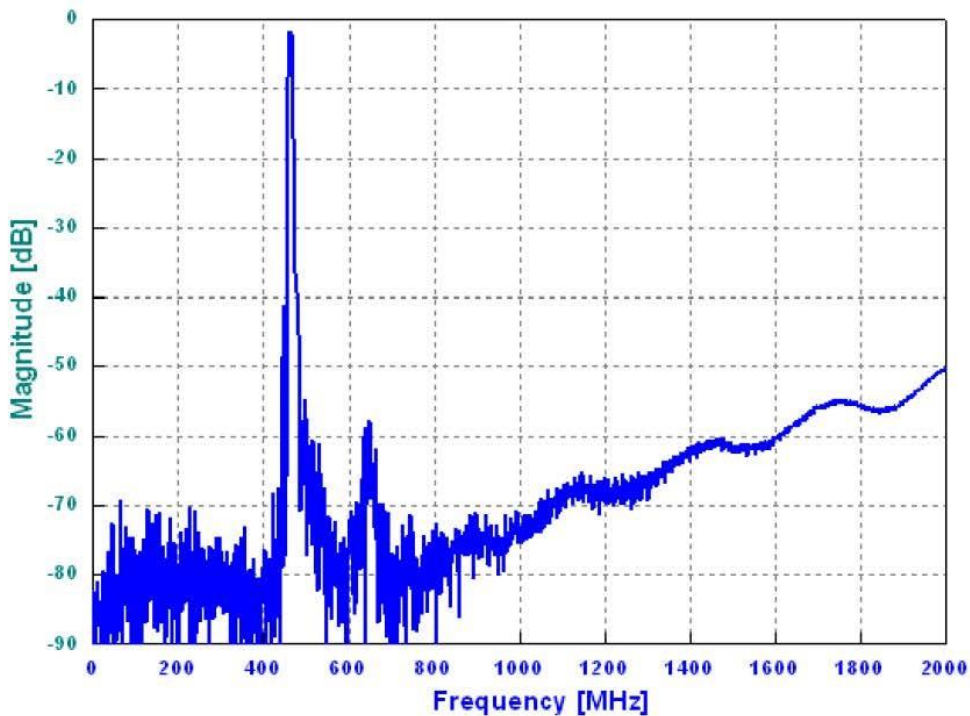
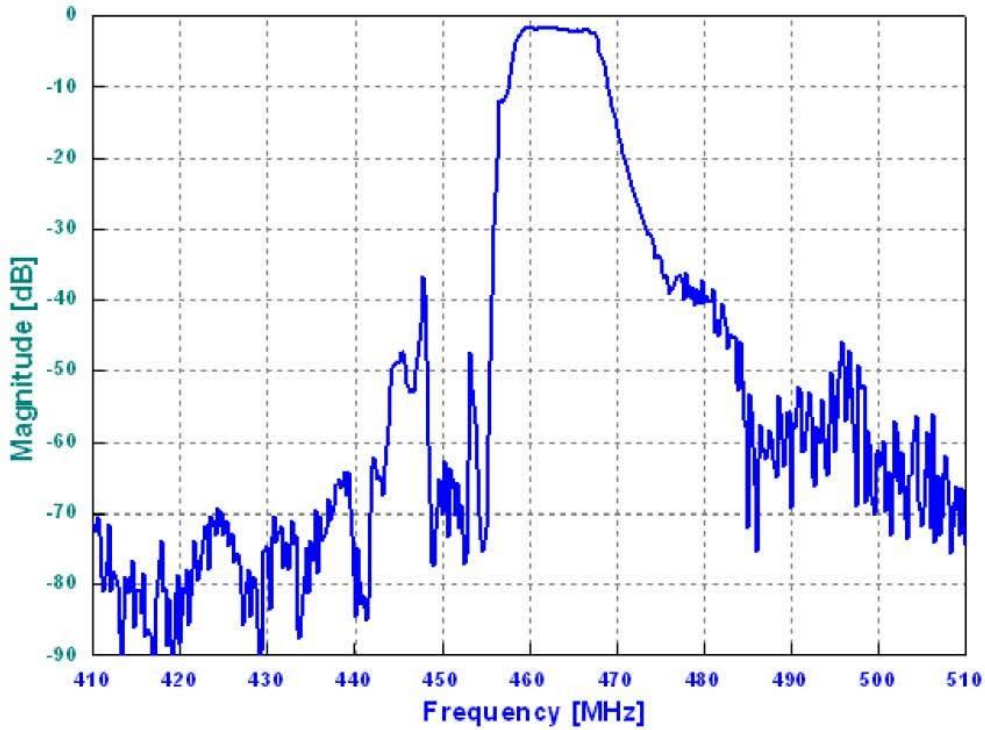


Source Impedance: 50 Ω

Load Impedance: 100 Ω

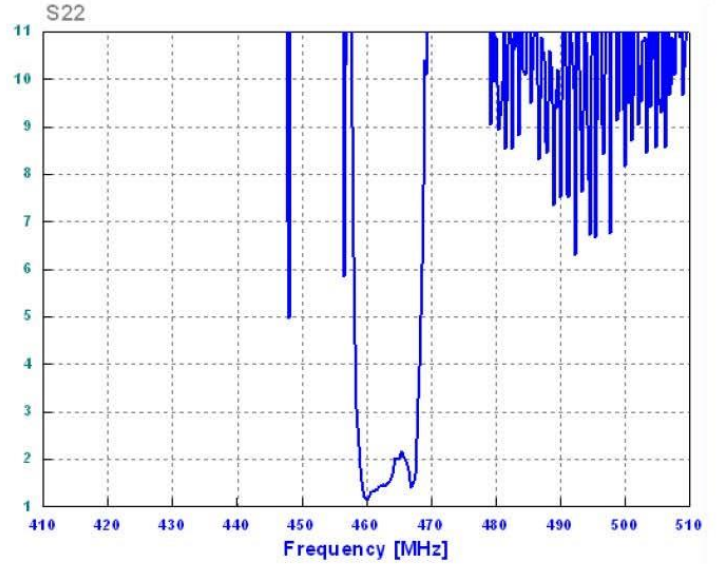
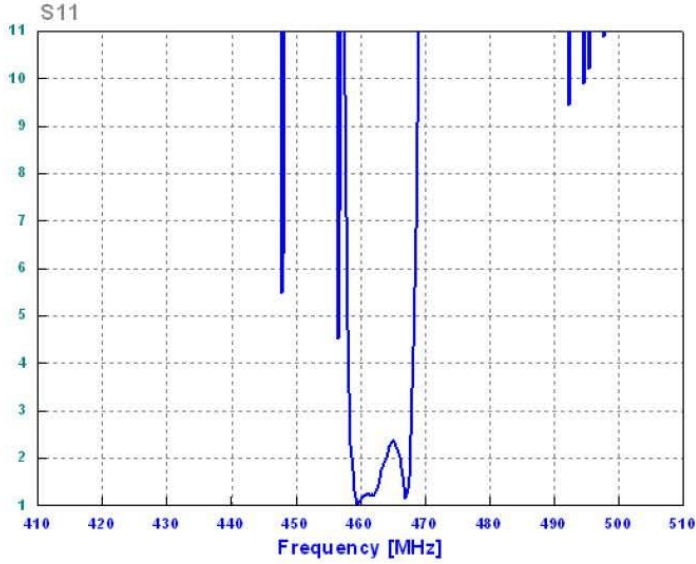


Response Plot:





VSWR



Smith Chart

