



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

481 MHz CDMA 450 G-Band RF-Tx Saw Filter

Part Number: AM481S145

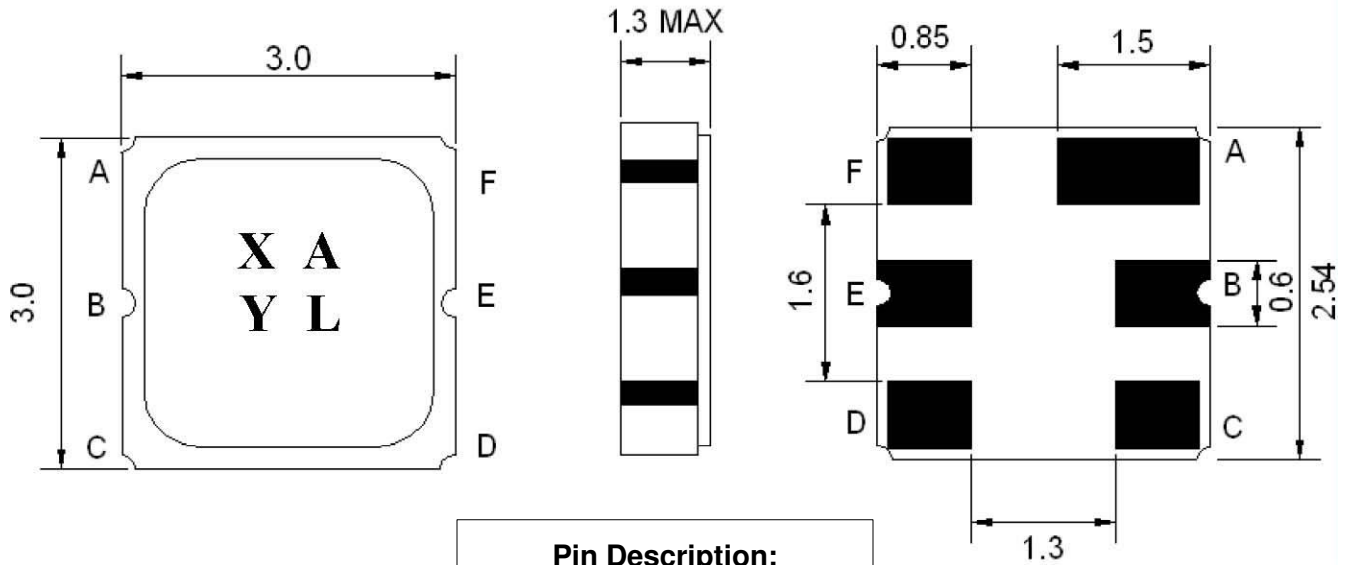


| Parameters Description | Unit | Minimum | Typical | Maximum |
|-------------------------------------|------|---------|---------|---------|
| Center Frequency (Fo) | MHz | - | 481.2 | - |
| Insertion Loss in 479.0 ~ 483.5 MHz | dB | - | 2.0 | 2.8 |
| VSWR in 479.0 ~ 483.5 MHz | - | - | 1.3 | 2.0 |
| Stop Band Attenuation: | | | | |
| 0.3 ~ 467.0 MHz | dB | 25 | 28 | - |
| 489.2 ~ 493.5 MHz | dB | 30 | 50 | - |
| 493.5 ~ 1700.0 MHz | dB | 23 | 27 | - |
| 1700.0 ~ 2000.0 MHz | dB | 15 | 22 | - |

| 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 | - | - | 30 |
| 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 | |

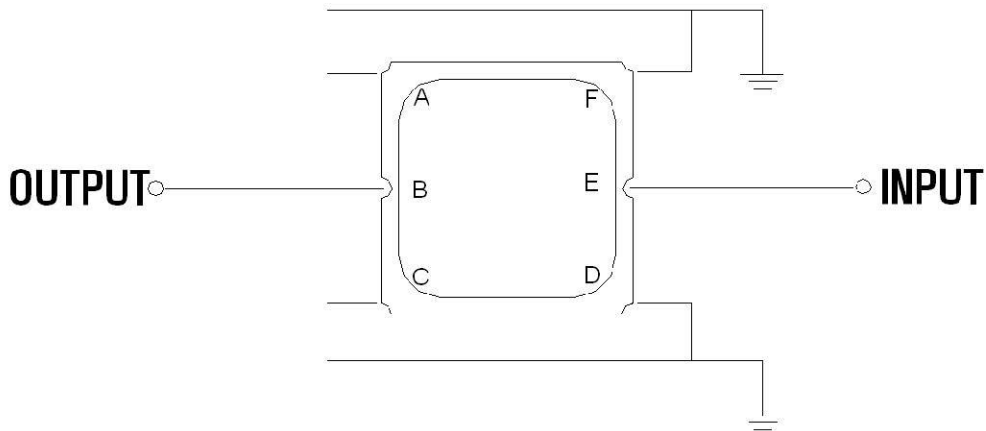


Outline Drawing:



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

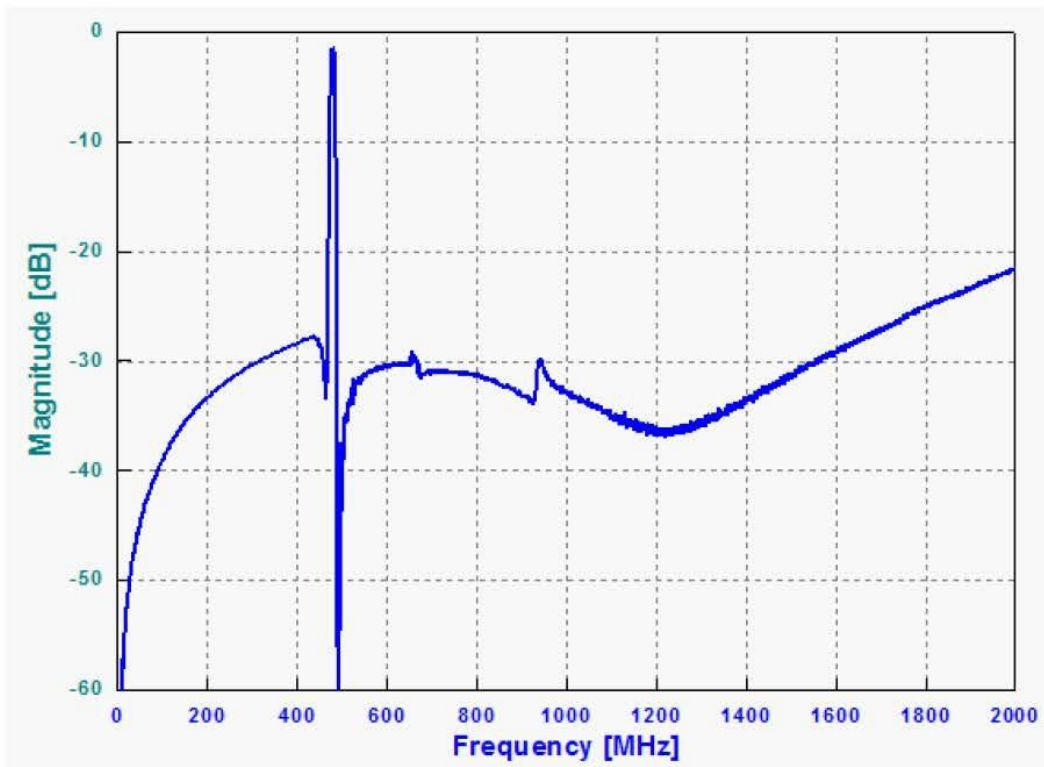
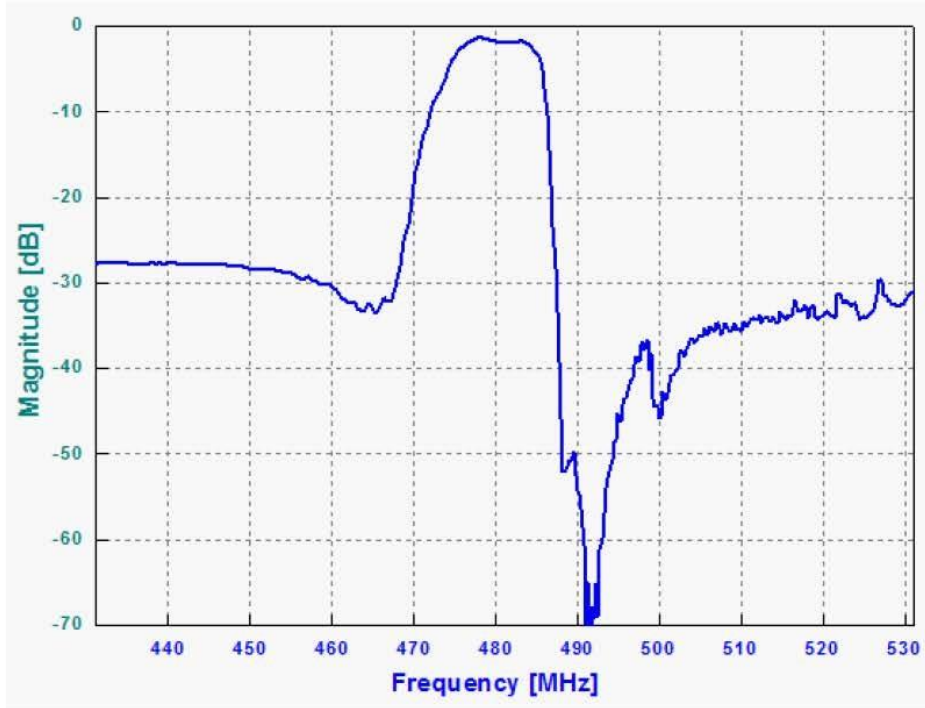
Testing Environment:



Source & Load Impedance: 50 Ω

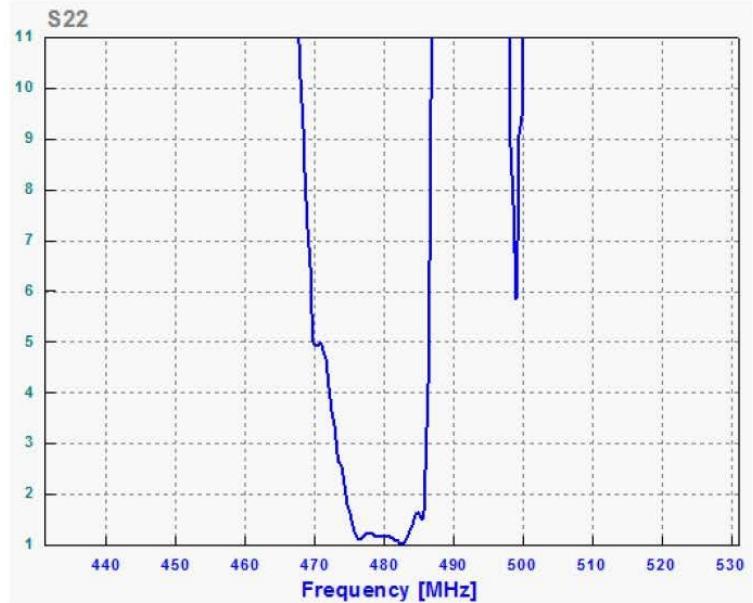
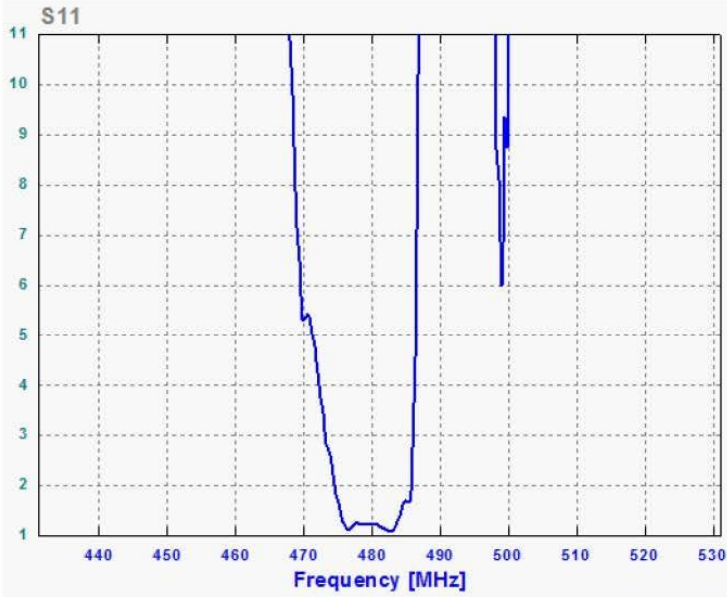


Response Plot:





VSWR



Smith Chart

