

1880 MHz SAW Filter

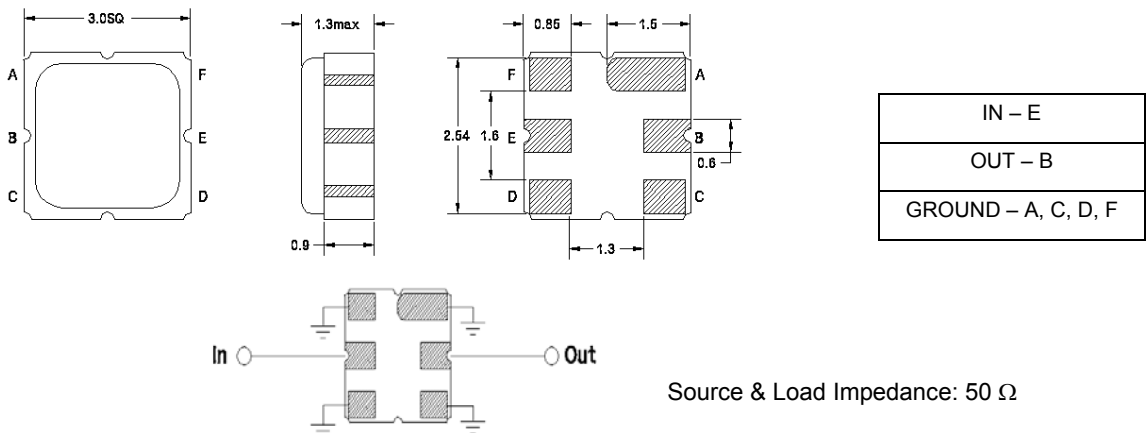
162972

Specifications

| Parameter | Unit | Typical |
|------------------------------------------------|--------------------|------------|
| Centre Frequency (f_0) | MHz | 1880 |
| Insertion Loss within 1850 ~ 1910 MHz | dB | 3.0 |
| Source Impedance (single ended) ⁽¹⁾ | Ω | 50 |
| Load Impedance (single ended) ⁽¹⁾ | Ω | 50 |
| Operating Temperature Range | $^{\circ}\text{C}$ | -30 to +85 |
| Amplitude Ripple within 1850 ~ 1910 MHz | dB _{p-p} | 1.7 |
| Attenuation: | | |
| D.C. ~ 1660 MHz | | 32 |
| 1660 ~ 1721 MHz | | 32 |
| 1721 ~ 1800 MHz | | 37 |
| 1930 ~ 1990 MHz | | 19 |
| 2000 ~ 2040 MHz | | 37 |
| 2040 ~ 2480 MHz | | 38 |
| 3700 ~ 3820 MHz | | 28 |
| VSWR within 1850 ~ 1910 MHz | - | 1.8 |
| Maximum DC Voltage | V | 5 |
| Maximum Input Power | dBm | 10 |
| Package type & size | | M |
| Length x Width | mm ² | 3.0 x 3.0 |
| Height | mm | 1.3 |

Notes : (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Outline



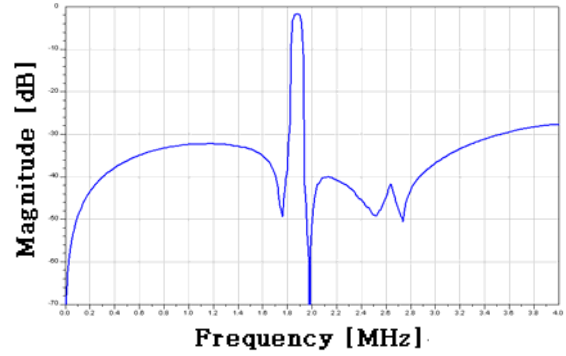
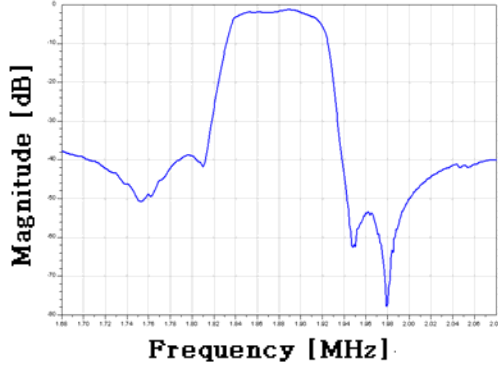
SAW PRODUCTS

COM DEV

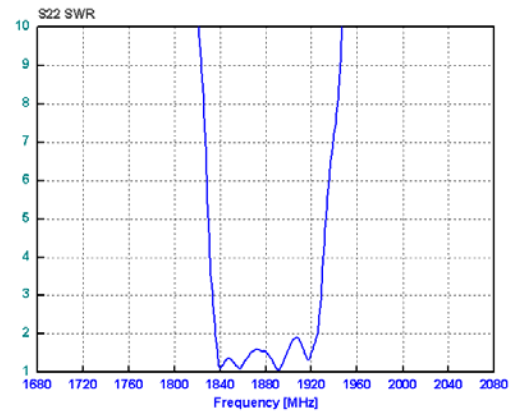
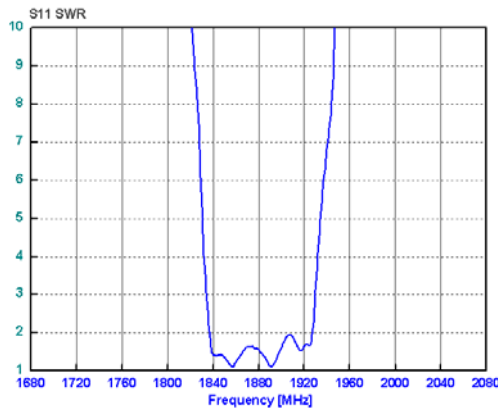
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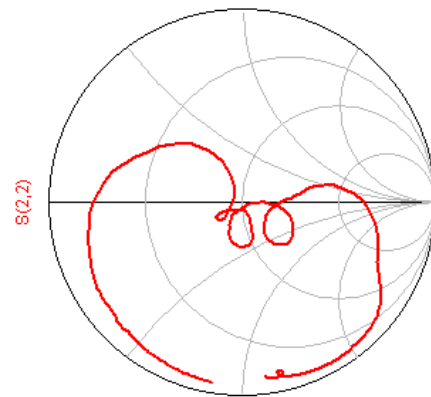
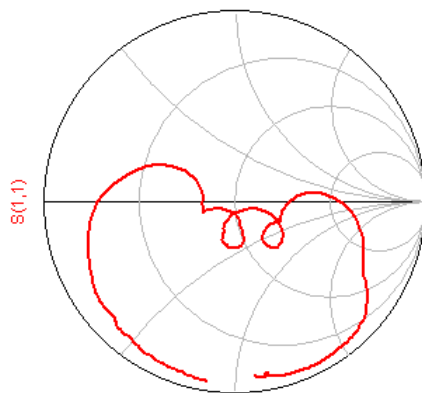
Frequency Response



VSWR



Smith Chart



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