



Electrical Specifications:

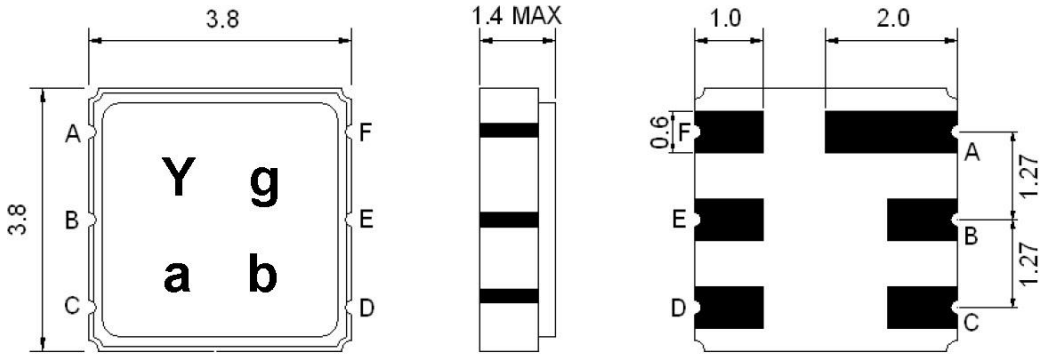
| Parameters Description | Unit | Minimum | Typical | Maximum |
|---|-------|---------|---------|---------|
| Center Frequency (Fo) | MHz | - | 392.5 | - |
| Insertion Loss within 390.0~395.0 MHz | dB | - | 2.0 | 3.5 |
| Amplitude Ripple within 390.0~395.0 MHz | dBp-p | - | 0.6 | 1.0 |
| Attenuation: | | | | |
| 0.3~380.0 MHz | dB | 40 | 45 | - |
| 380.0~385.0 MHz | dB | 40 | 45 | - |
| 410.0~1200.0 MHz | dB | 30 | 35 | - |
| 1200.0~2000.0 MHz | dB | 28 | 33 | - |
| VSWR within 390.0~395.0 MHz | - | - | 1.4 | 2.0 |

| Parameters Description | Unit | Minimum | Typical | Maximum |
|--|------|--------------------|---------|---------|
| Operation Temperature Range | °C | -30 | - | +85 |
| Storage Temperature Range | °C | -40 | - | +85 |
| Maximum DC Voltage | V | - | | |
| Maximum Input Power | dBm | 28 | | |
| Source Impedance (Single Ended) ₁ | Ω | 50 | | |
| Load Impedance (Single Ended) ₁ | Ω | 50 | | |
| Package Size and Type | mm | 3.8 x 3.8 x 1.4 mm | | P |

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



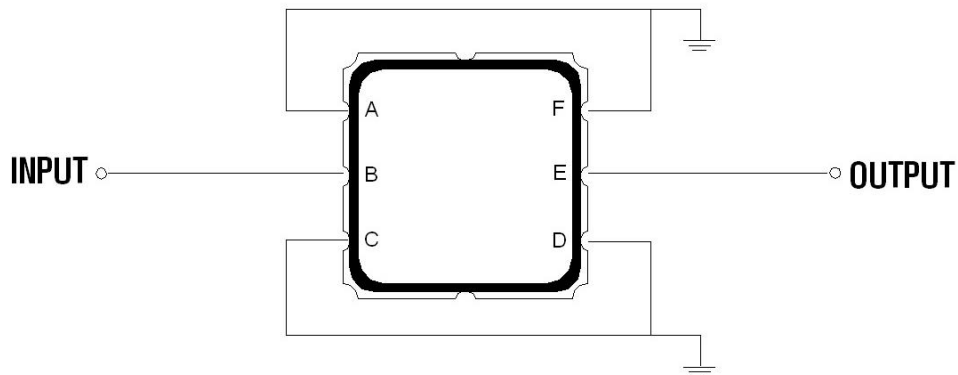
Outline Drawing:



| Marking Descriptions | |
|----------------------|----------------------|
| Y | Wireless Application |
| g | Series Number |
| a | Date Code(Year) |
| b | Date Code(Month) |

| Pin Description | |
|-----------------|-----------|
| A, C, D, F | Ground |
| B | In or Out |
| E | Out or In |

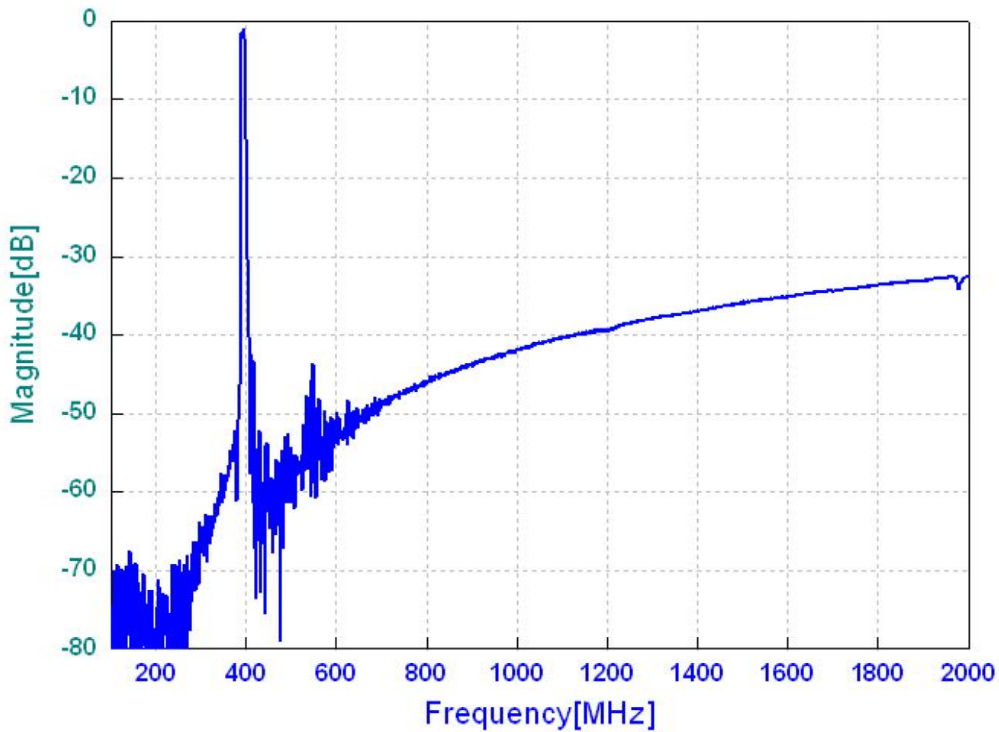
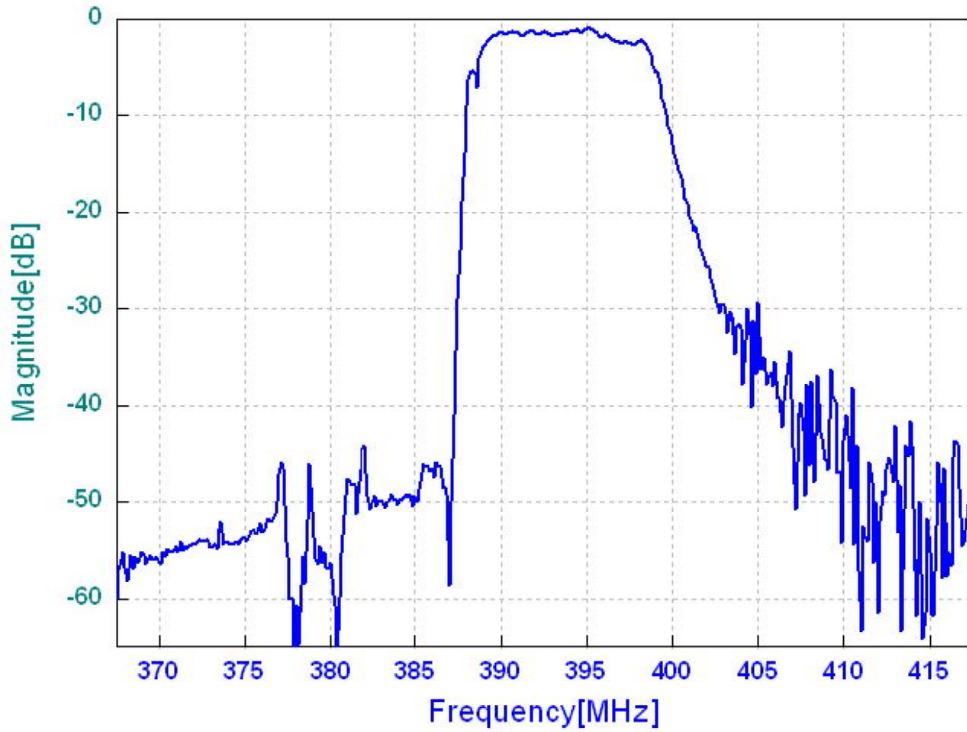
Testing Environment:



Source & Load Impedance: 50 Ω

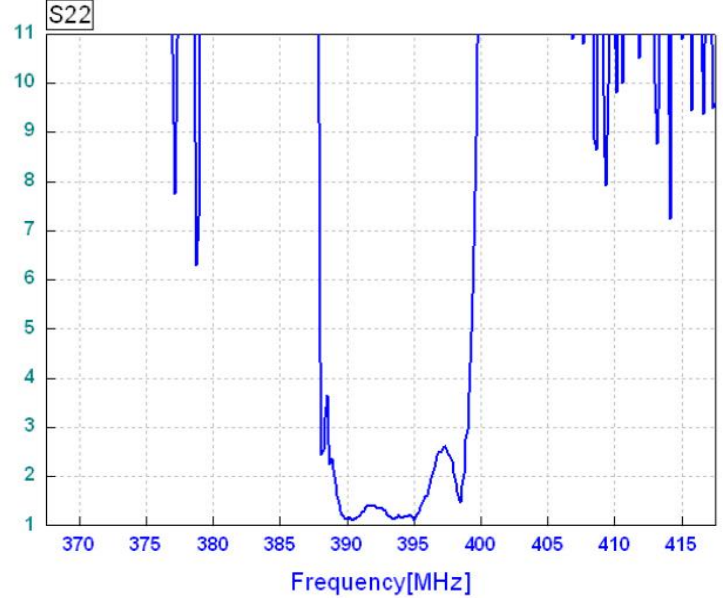
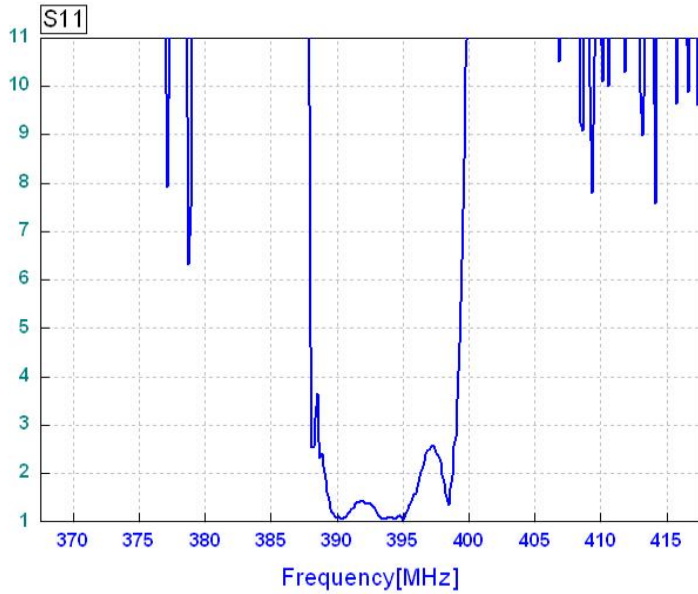


Frequency Response:





VSWR:



Smith Chart:

