

- Wireless, RF SAW Filter
- Revision 0: September 2008

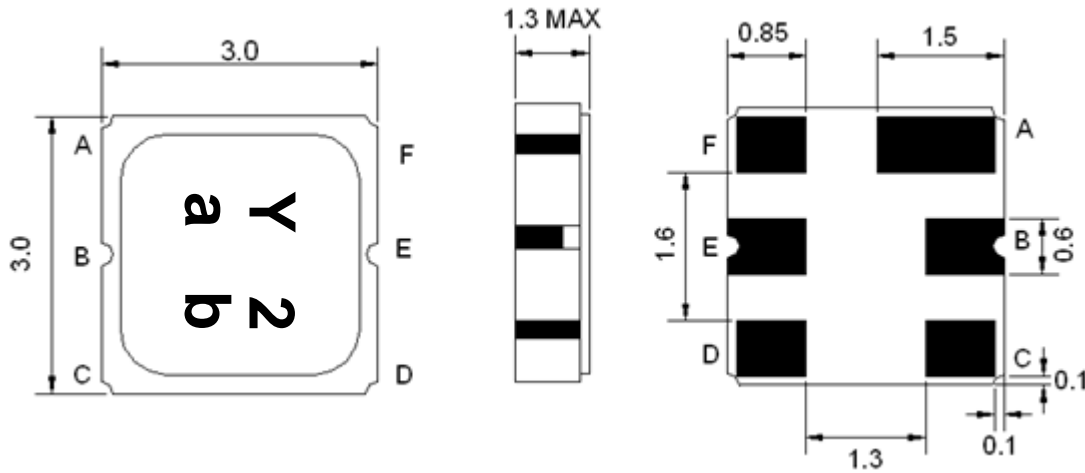
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	13
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1650.8	-
Insertion Loss within 1626.6 ~ 1675.0 MHz	dB	-	2.3	3.0
Amplitude Ripple within 1626.6 ~ 1675.0 MHz	dB <sub>p-p</sub>	-	1.3	2.0
Return Loss within 1626.6 ~ 1675.0 MHz	dB	8	11	-
<b>Attenuation:</b>				
D.C ~ 1559.0 MHz	dB	30	32	-
1576.5 MHz	dB	31	50	-
1751.0 MHz	dB	35	40	-
2400.0 ~ 2500.0 MHz	dB	30	45	-

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

## Package Dimensions



Marking Descriptions	
Y	Wireless Application
2	Series Number
a	Date Code (Year)
b	Date Code (Month)

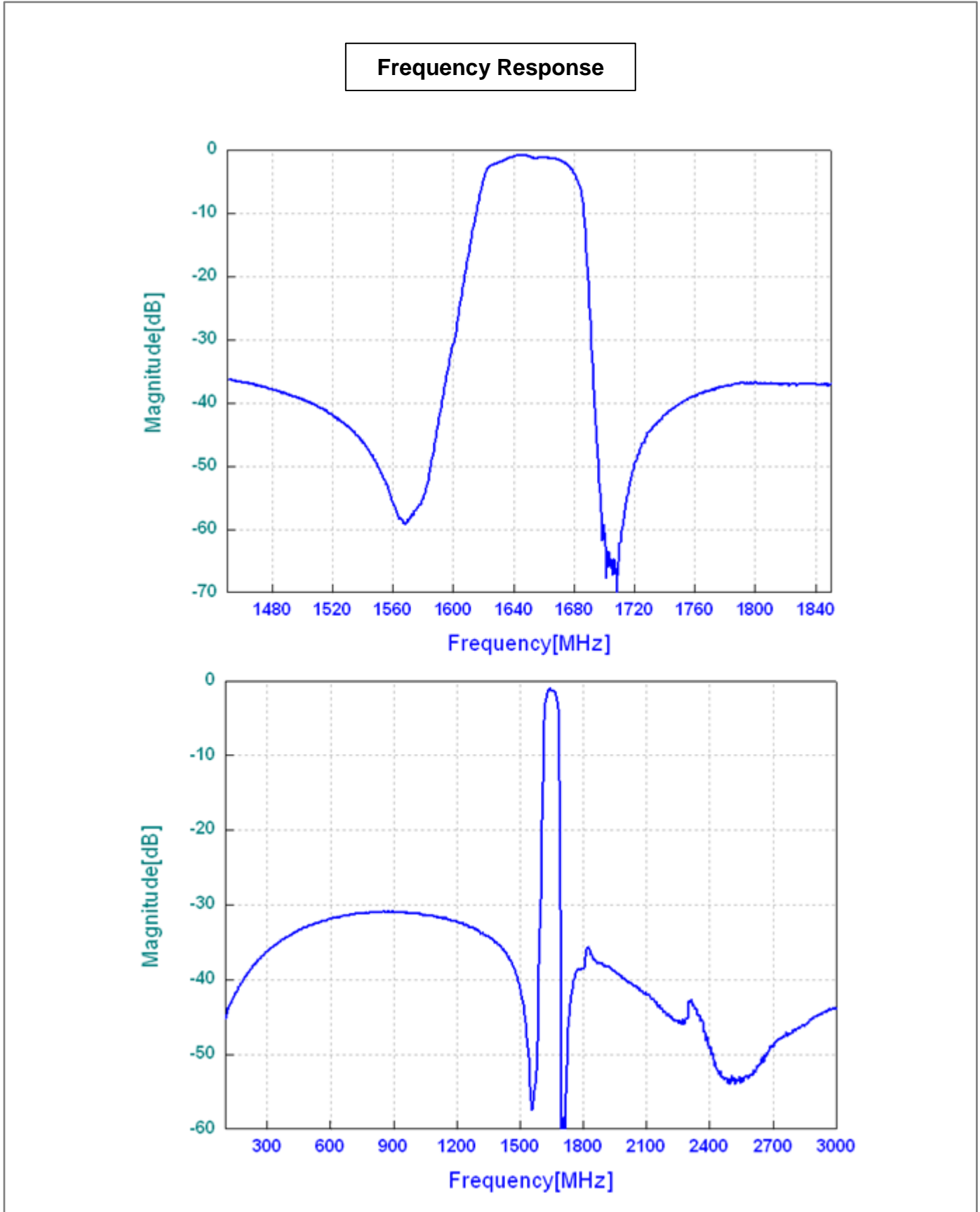
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

## Testing Environment

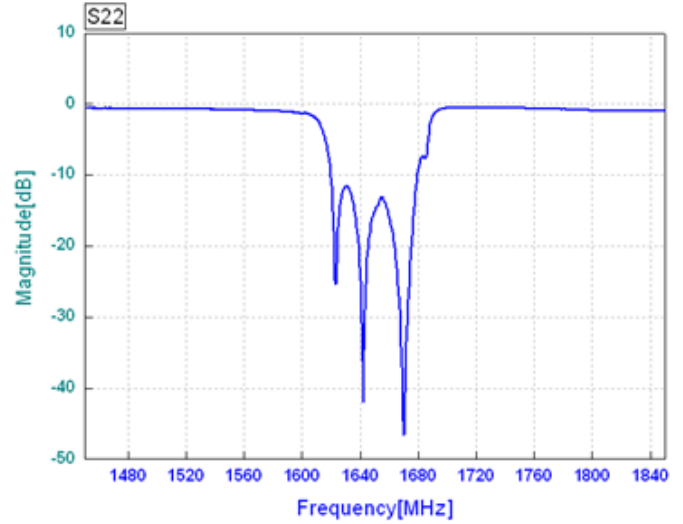
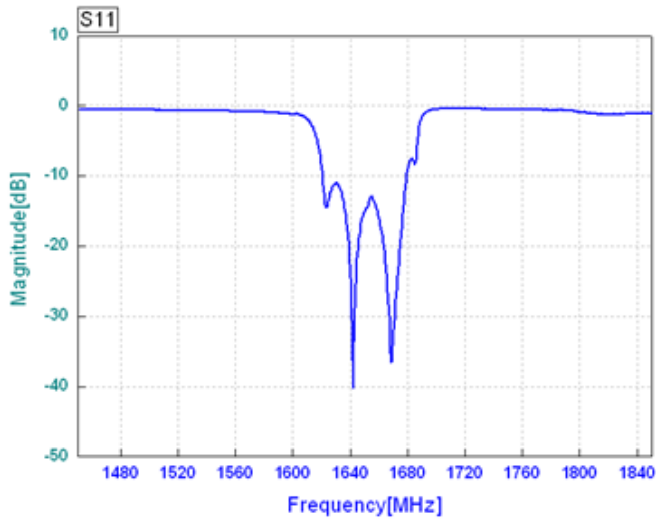


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



## Return Loss



## Smith Chart

