

- Wireless, RF SAW Filter
- Revision 1: March 2013

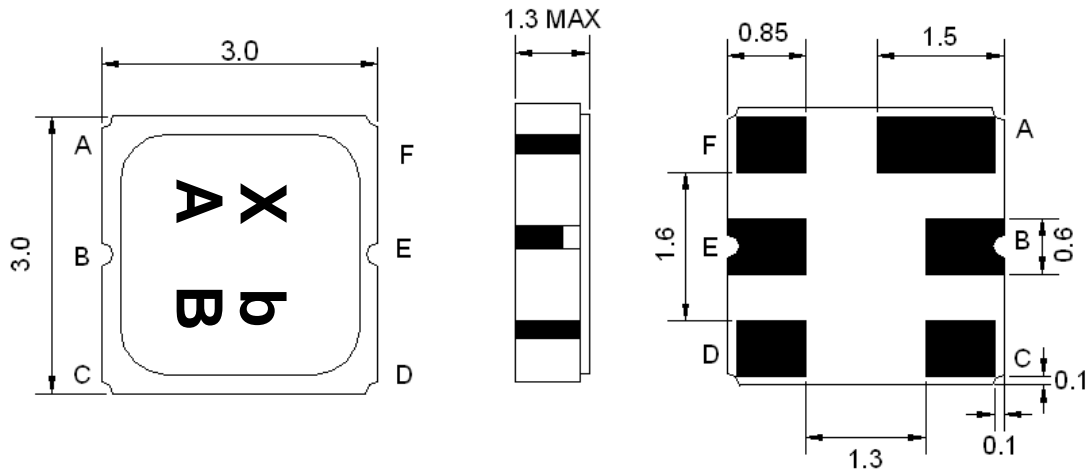
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-20		+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2535.0	-
Insertion Loss within 2500.0 ~ 2570.0 MHz	dB	-	3.1	3.8
Amplitude Ripple within 2500.0 ~ 2570.0 MHz	dB _{p-p}	-	1.6	2.5
Attenuation:				
200.0 ~ 225.0 MHz	dB	40	45	-
D.C ~ 2400.0 MHz	dB	30	33	-
2070.0 ~ 2150.0 MHz	dB	33	38	-
2185.0 ~ 2260.0 MHz	dB	35	40	-
2390.0 ~ 2470.0 MHz	dB	3	4	-
2620.0 ~ 2690.0 MHz	dB	30	45	-
2690.0 ~ 3000.0 MHz	dB	30	42	-
VSWR within 2500.0 ~ 2570.0 MHz	-	-	2.0	2.5

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

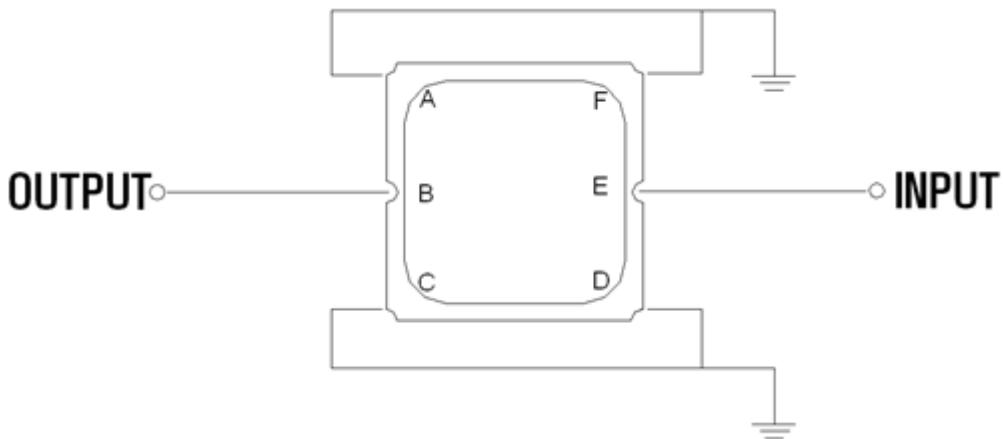
Package Dimensions



Marking Descriptions	
X	Wireless Application
b	Series Number
A	Date Code (Year)
B	Date Code (Month)

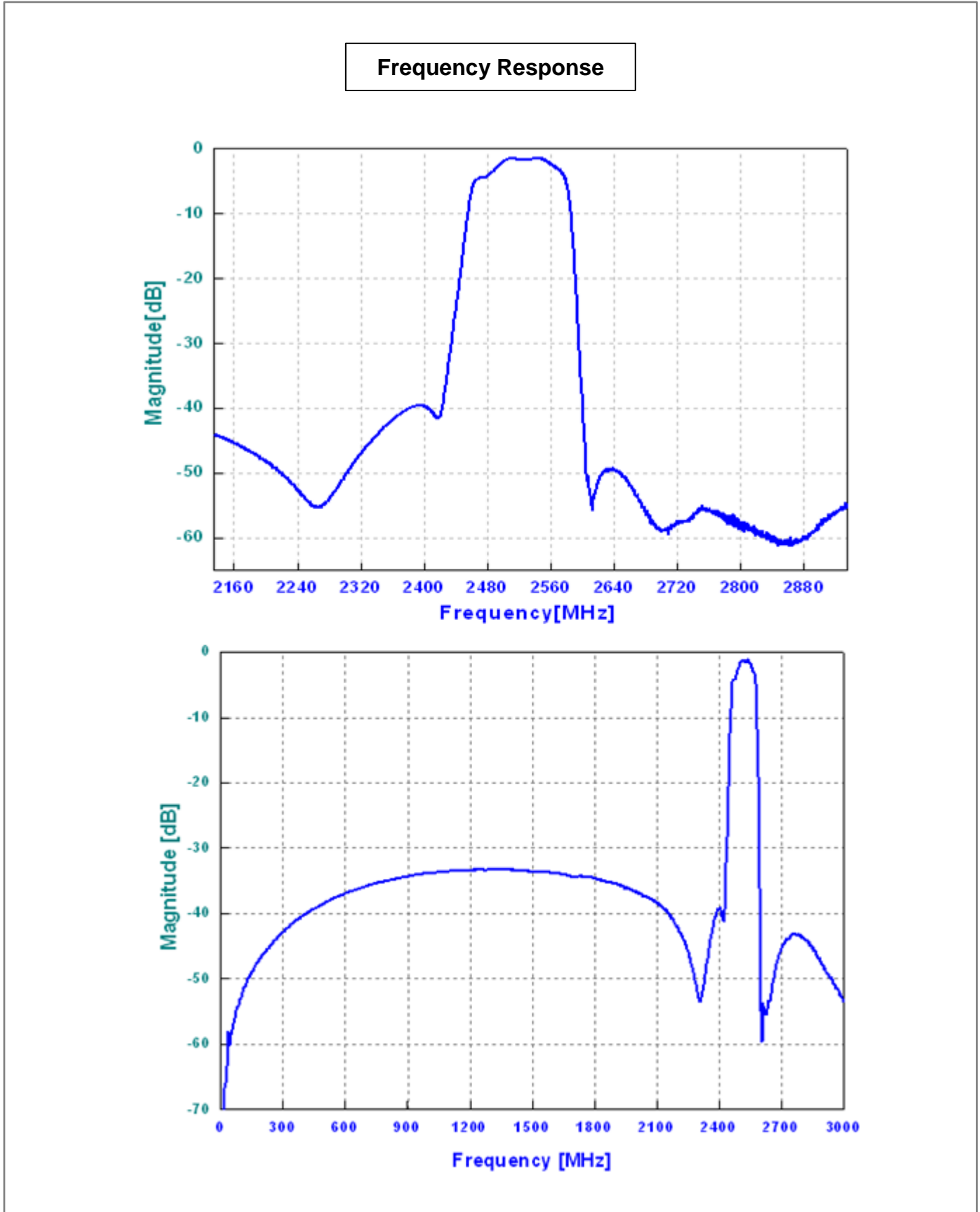
Pin Description	
A, C, D, F	Ground
E	In
B	Out

Testing Environment

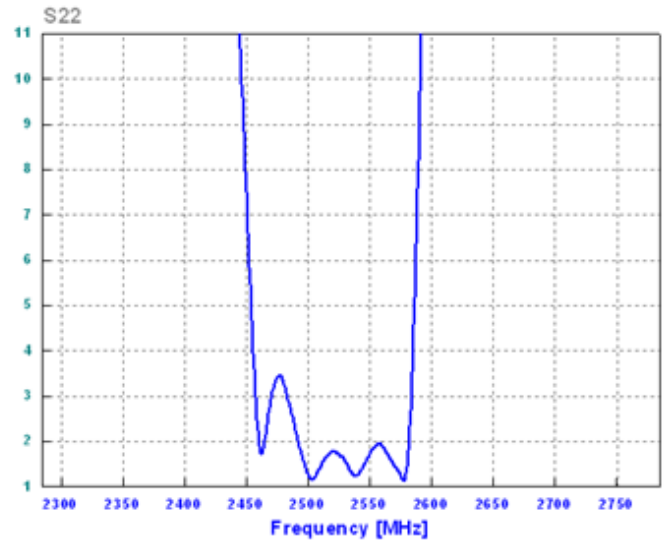
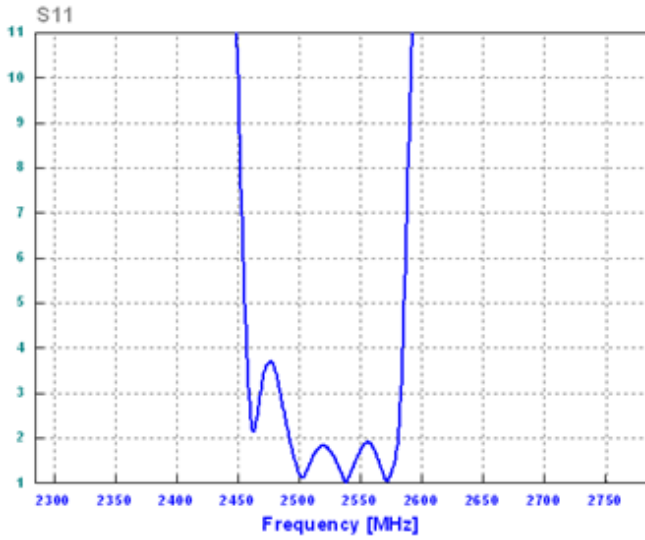


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

