

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

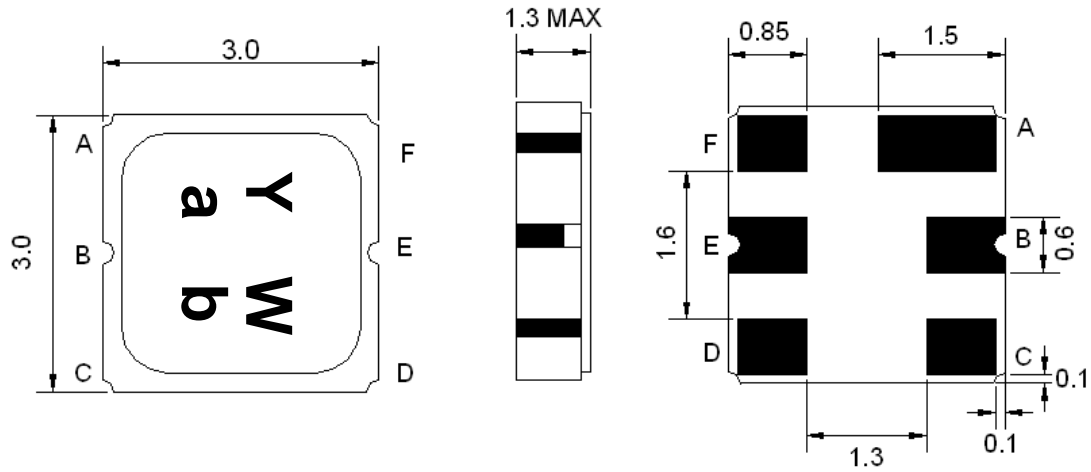
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	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	-	835.0	-
Insertion Loss within 830.0~840.0MHz	dB	-	2.0	3.0
Amplitude Ripple within 830.0~840.0MHz	dB _{p-p}	-	0.6	1.2
Attenuation:				
0.3 ~ 790.1 MHz	dB	45	50	-
790.1 ~ 820.1 MHz	dB	25	35	-
849.9 ~ 860.0 MHz	dB	25	40	-
860.0 ~ 879.9 MHz	dB	40	50	-
879.9 ~ 1200.0 MHz	dB	45	50	-
VSWR within 830.0~840MHz	-	-	1.3	2.0

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

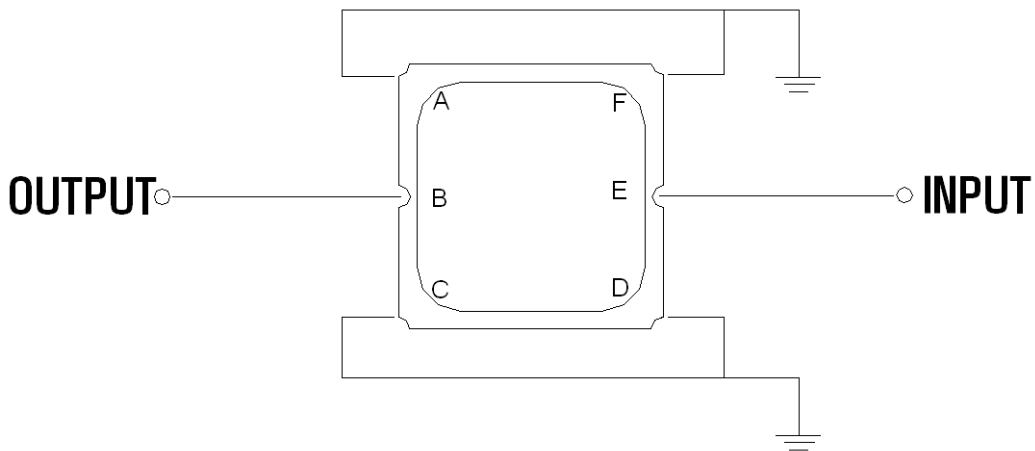
Package Dimensions



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

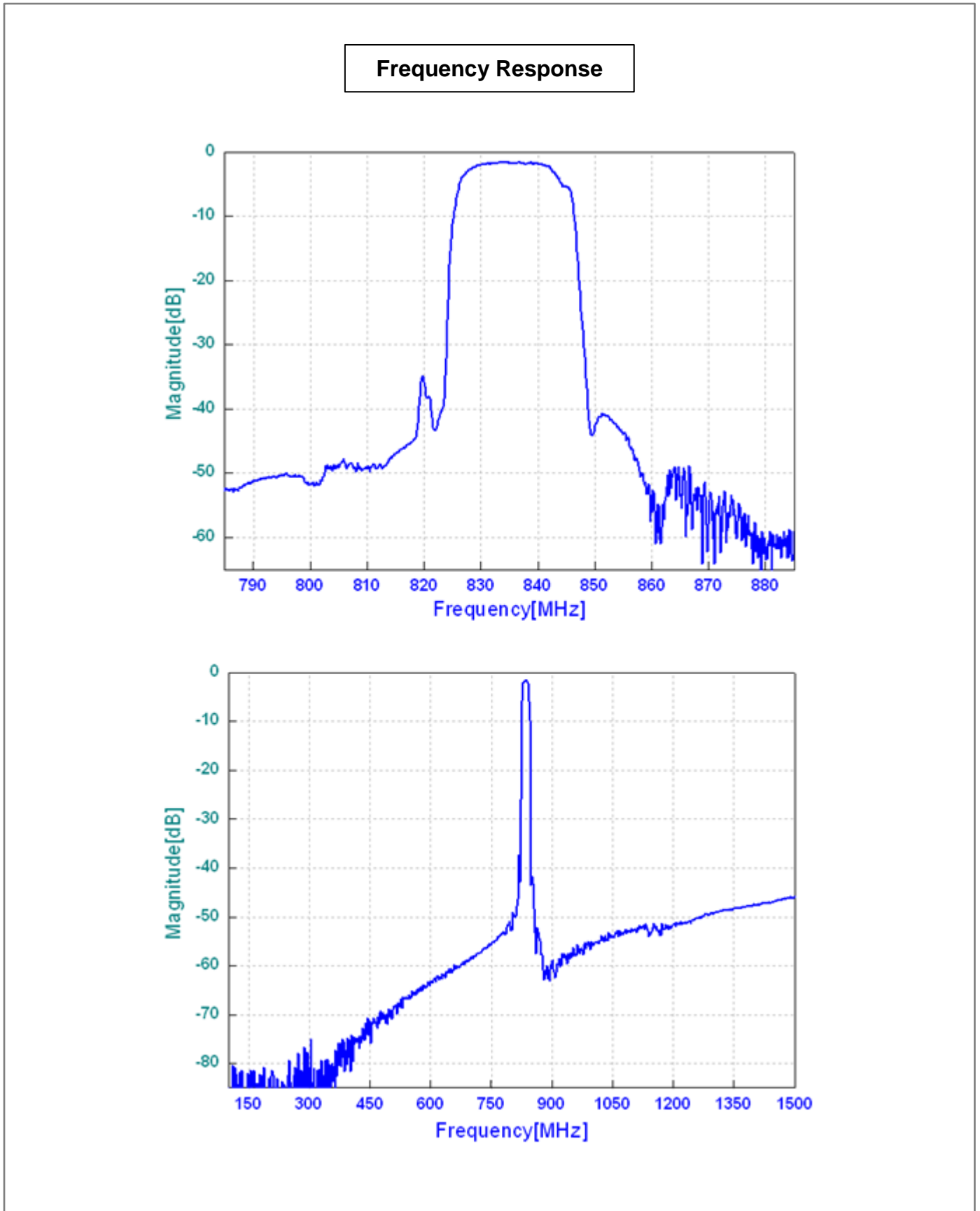
Pin Description	
A, C, D, F	Ground
E	Input or Output
B	Output or Input

Testing Environment

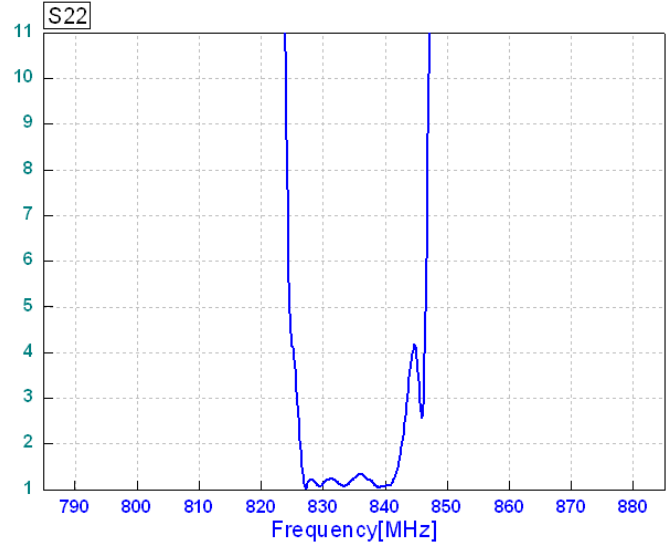
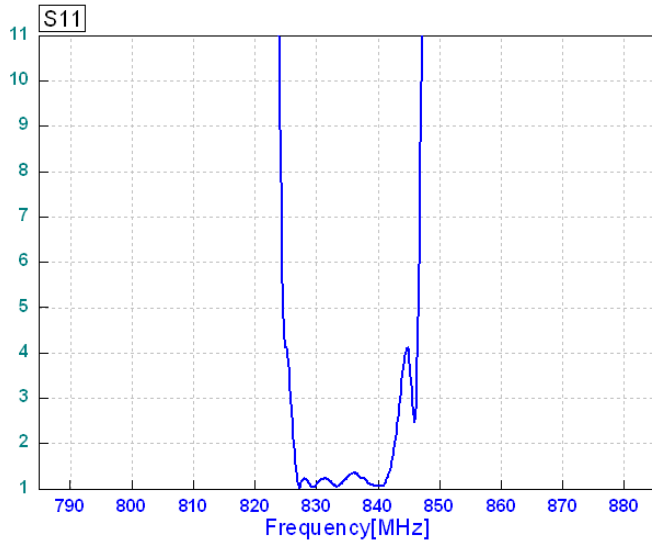


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

