

- Wireless, RF SAW Filter
- Revision 0: December 2011

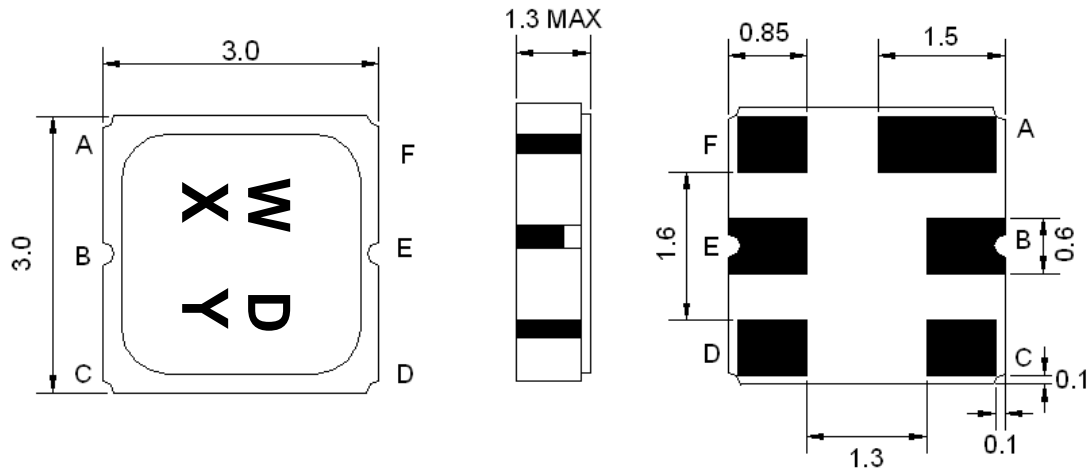
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
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	-	423.0	-
Insertion Loss within 422.0 ~ 424.0 MHz	dB	-	1.6	3.0
Amplitude Ripple within 422.0 ~ 424.0 MHz	dB _{p-p}	-	0.4	1.2
Attenuation:				
10.0 ~ 380.0 MHz	dB	55	63	-
380.0 ~ 405.0 MHz	dB	45	55	-
440.0 ~ 450.0 MHz	dB	35	43	-
450.0 ~ 700.0 MHz	dB	40	46	-
700.0 ~ 1000.0 MHz	dB	40	46	-
VSWR within 422.0 ~ 424.0 MHz	-	-	1.4	2.0

Notes: (1) No Matching Network .

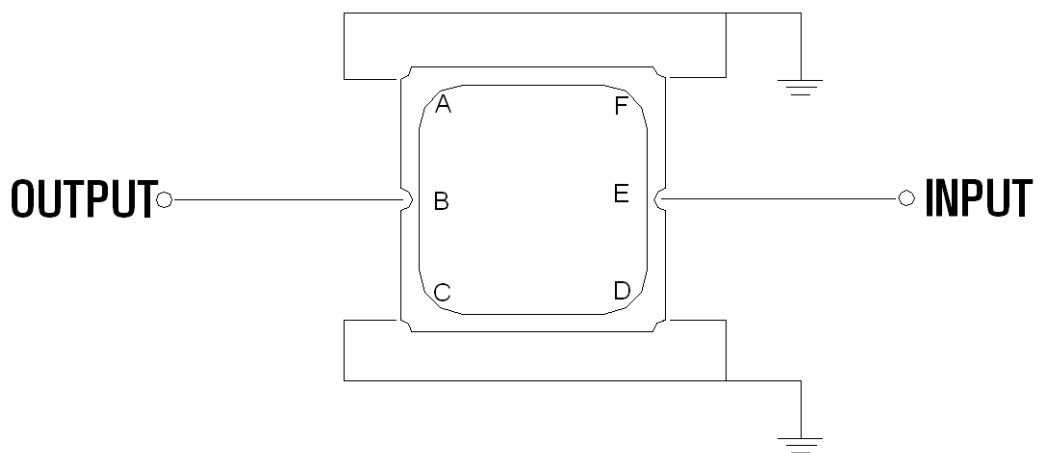
Package Dimensions



Marking Descriptions	
W	Wireless Application
D	Series Number
X	Date Code (Year)
Y	Date Code (Month)

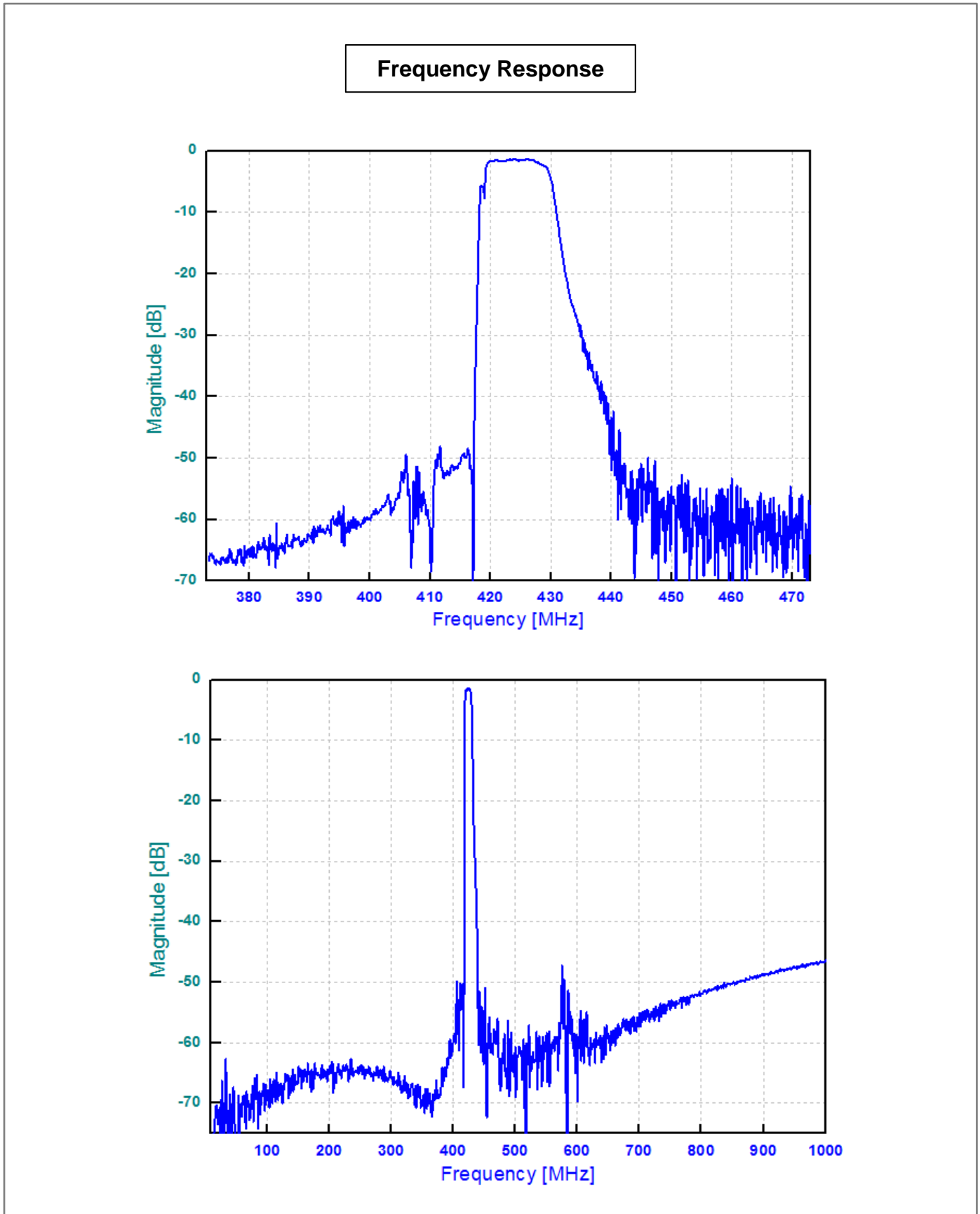
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

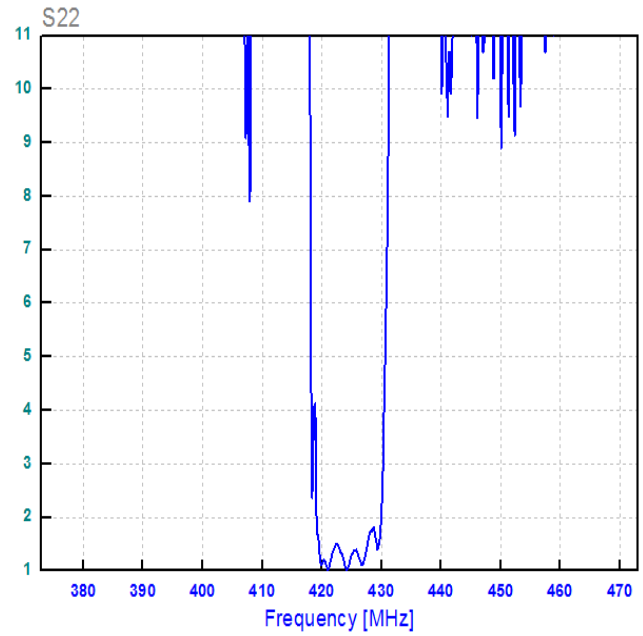
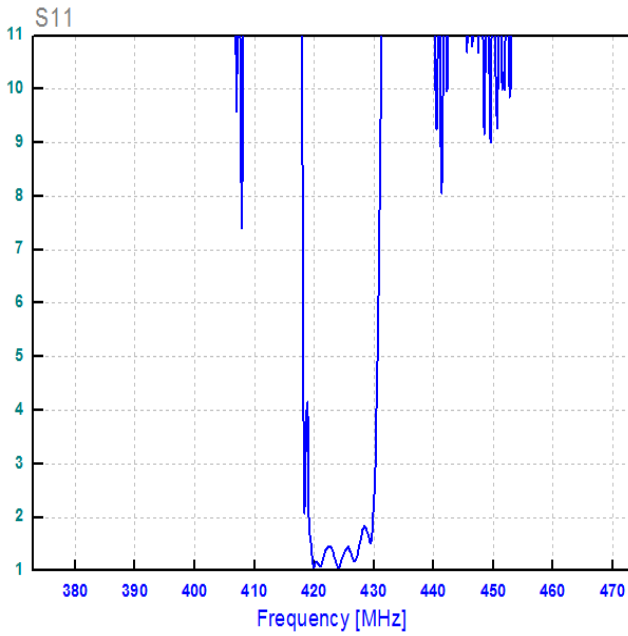


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

