

- Wireless, RF SAW Filter
- Revision 0: May 2013

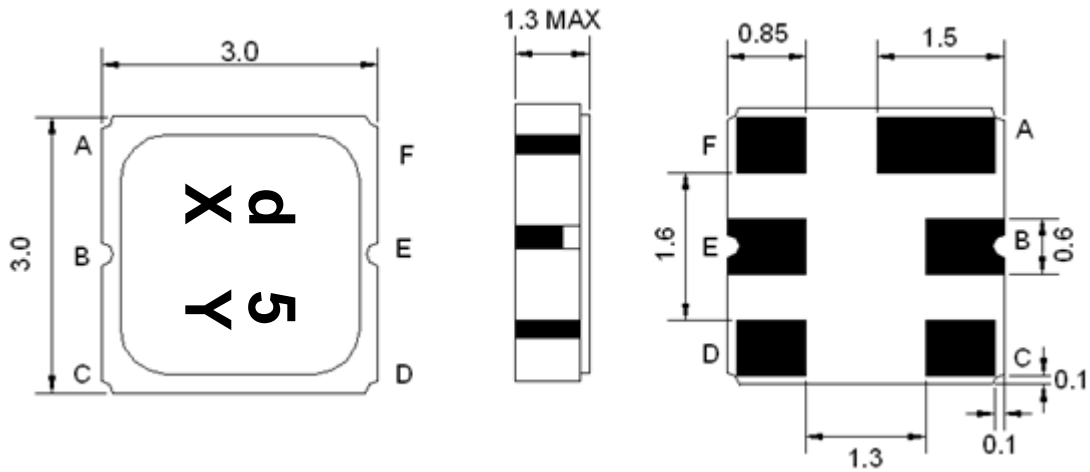
## Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-45	-	+85
Maximum DC Voltage	V	-	-	12
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	S20			
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	-	1258.0	-
Insertion Loss within 1248.0 ~ 1268.0 MHz	dB	-	2.4	3.5
Amplitude Ripple within 1248.0 ~ 1268.0 MHz	dB <sub>p-p</sub>	-	0.4	1.0
Absolute Group Delay within 1248.0 ~ 1268.0MHz	ns	-	6	30
<b>Attenuation:</b>				
0.3 ~ 960.0 MHz	dB	45	50	-
1050.0 ~ 1120.0 MHz	dB	40	46	-
1390.0 ~ 1400.0 MHz	dB	40	47	-
1700.0 ~ 2500.0 MHz	dB	30	39	-
3000.0 ~ 4000.0 MHz	dB	10	20	-
VSWR within 1248.0 ~ 1268.0 MHz	-	-	1.5	2.0

**Notes:** (1) No Matching Network

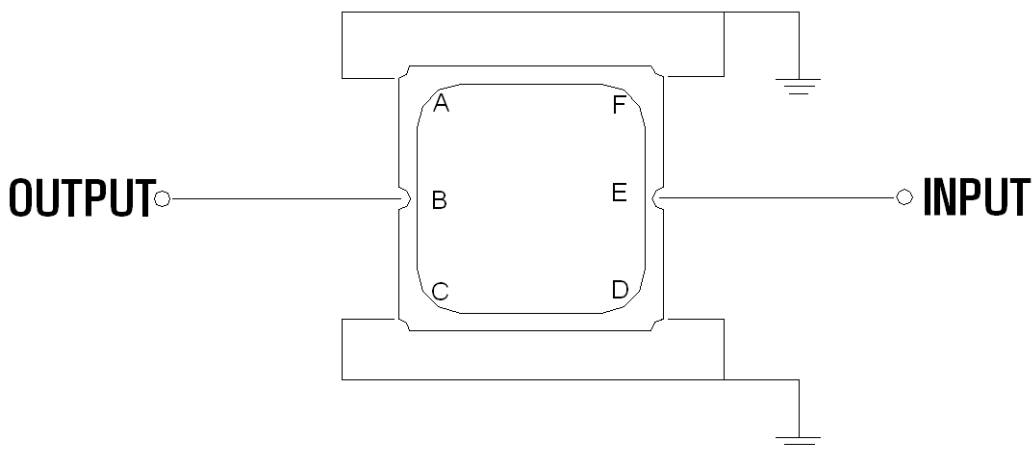
## Package Dimensions



Marking Descriptions	
d	Wireless Application
5	Series Number
X	Date Code (Year)
Y	Date Code (Month)

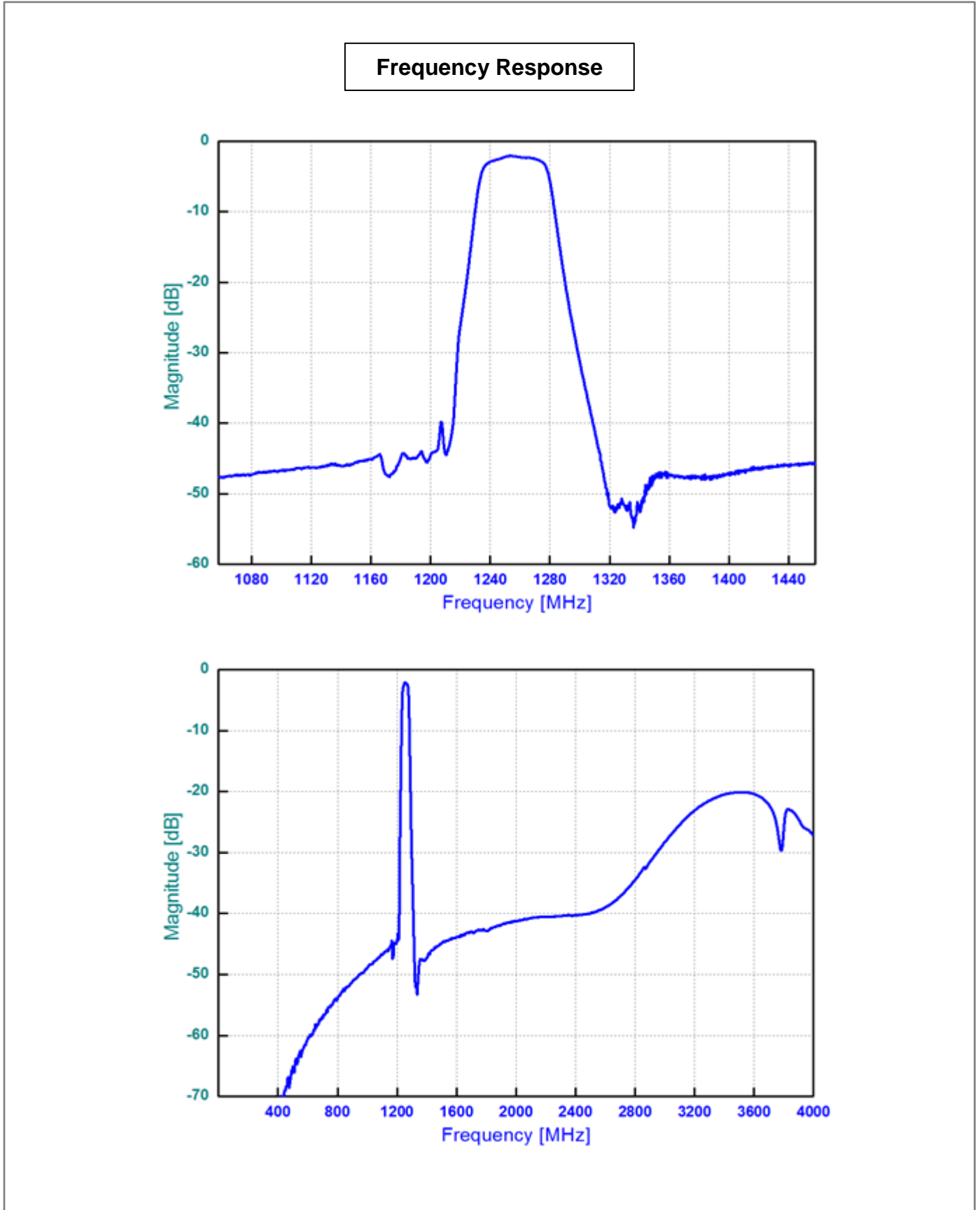
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

## Testing Environment

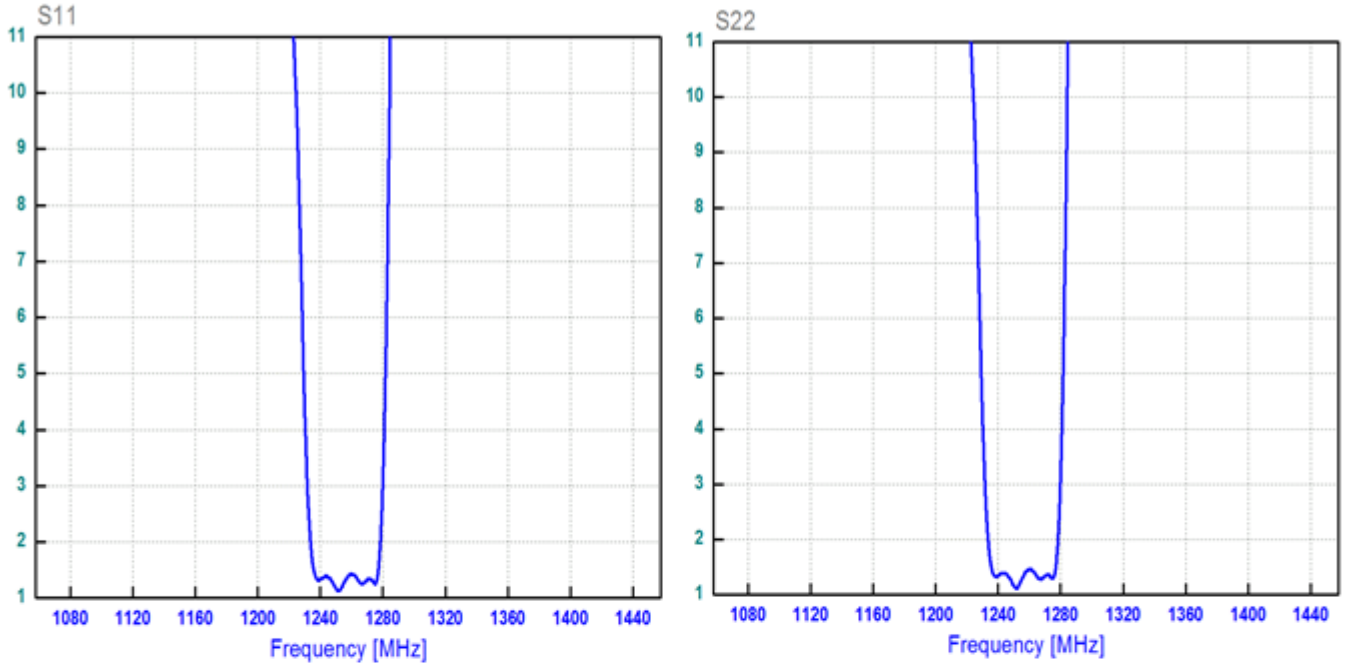


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



## VSWR



## Smith Chart

