

- Wireless, RF SAW Filter
- Revision 0: May 2014

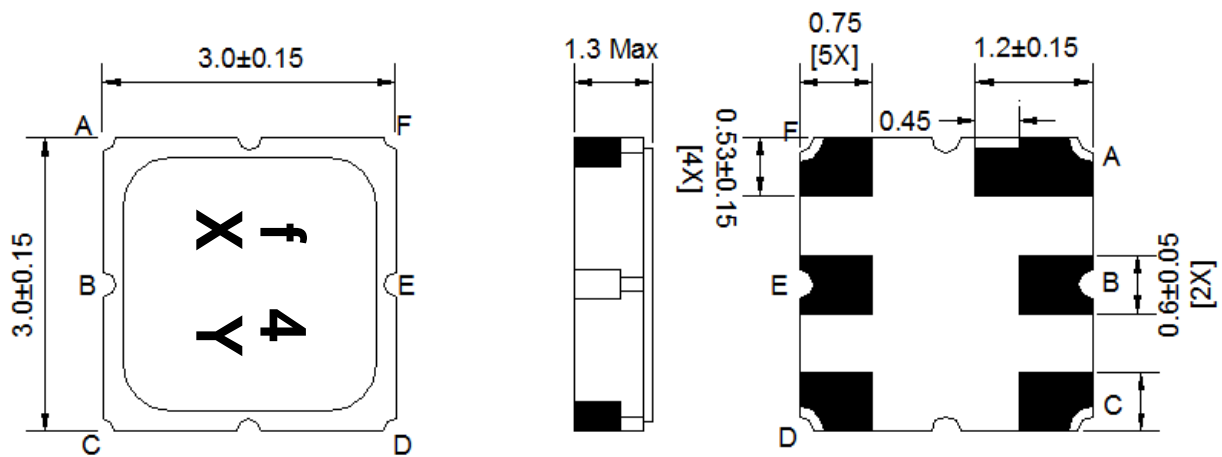
## Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+90
Storage Temperature Range	°C	-40	-	+90
Maximum DC Voltage	V	-	-	0
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	-	1832.5	-
Insertion Loss within 1805.0 ~ 1860.0 MHz	dB	-	1.9	3.5
Amplitude Ripple within 1805.0 ~ 1860.0 MHz	dB <sub>p-p</sub>	-	0.9	2.0
<b>Attenuation:</b>				
420.0 ~ 496.0 MHz	dB	25	40	-
791.0 ~ 821.0 MHz	dB	25	37	-
869.0 ~ 894.0 MHz	dB	25	37	-
925.0 ~ 960.0 MHz	dB	25	37	-
1710.0 ~ 1785.0 MHz	dB	5	10	-
1785.0 ~ 1805.0 MHz	dB	1	1.7	-
1880.0 ~ 1920.0 MHz	dB	5	19	-
2010.0 ~ 2025.0 MHz	dB	30	50	-
2110.0 ~ 2170.0 MHz	dB	30	54	-
2496.0 ~ 2690.0 MHz	dB	30	40	-
3400.0 ~ 3800.0 MHz	dB	25	34	-
VSWR within 1805.0 ~ 1860.0 MHz	-	-	1.5	2.0

**Notes:** (1) With Matching Network .

## Package Dimensions



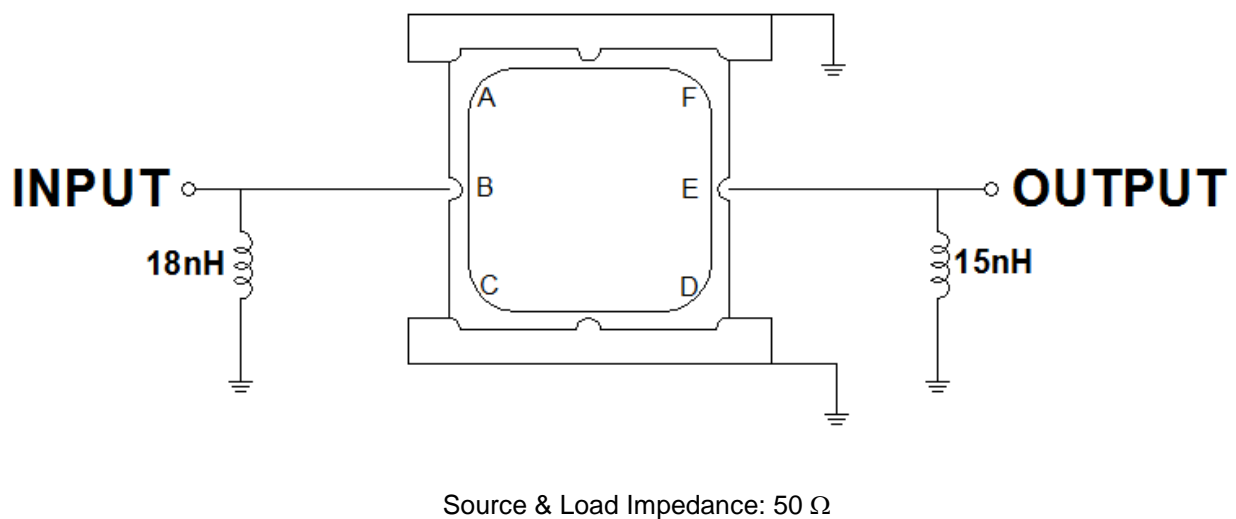
### Marking Descriptions

Marking Descriptions	
f	Wireless Application
4	Series Number
X	Date Code (Year)
Y	Date Code (Month)

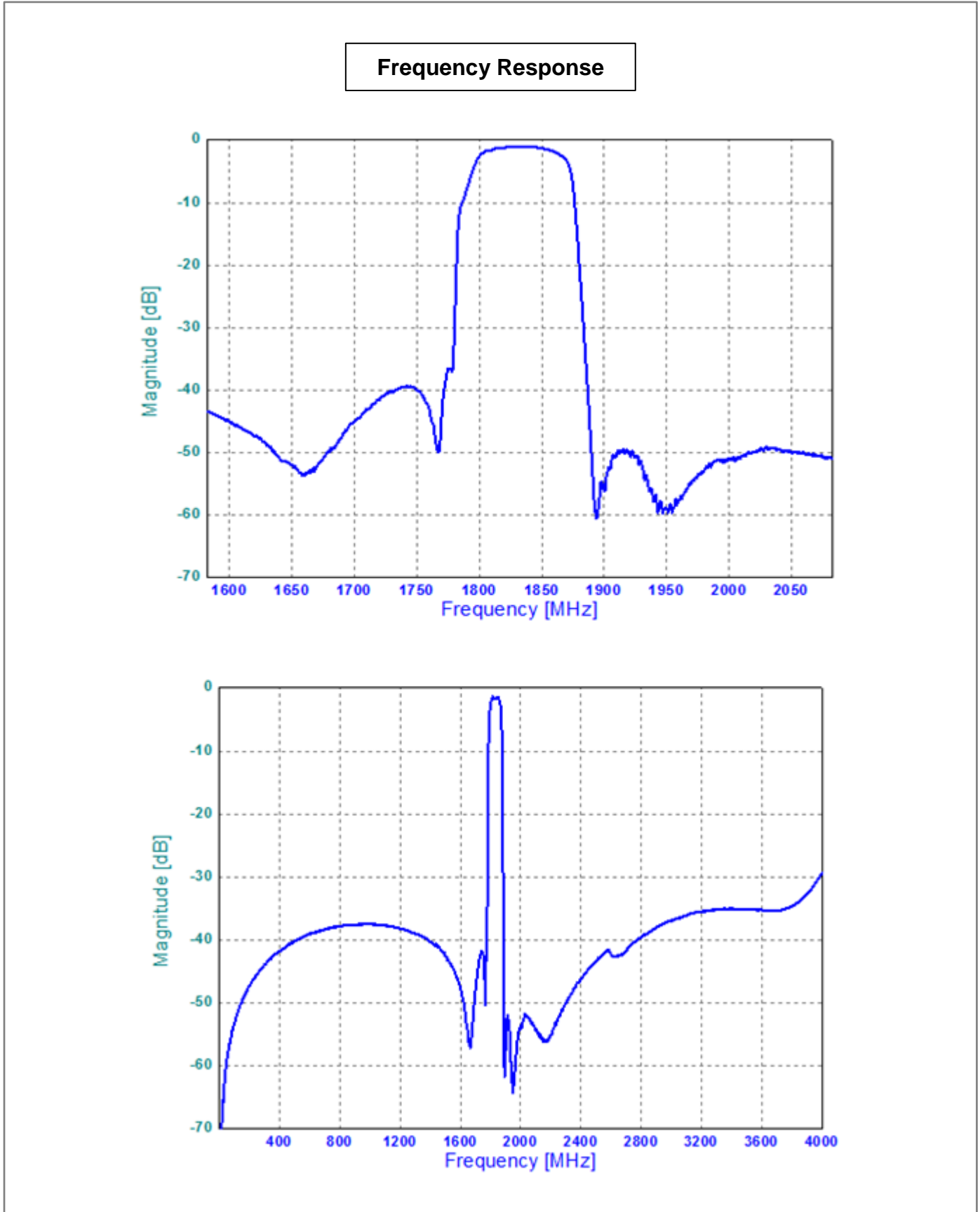
### Pin Description

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

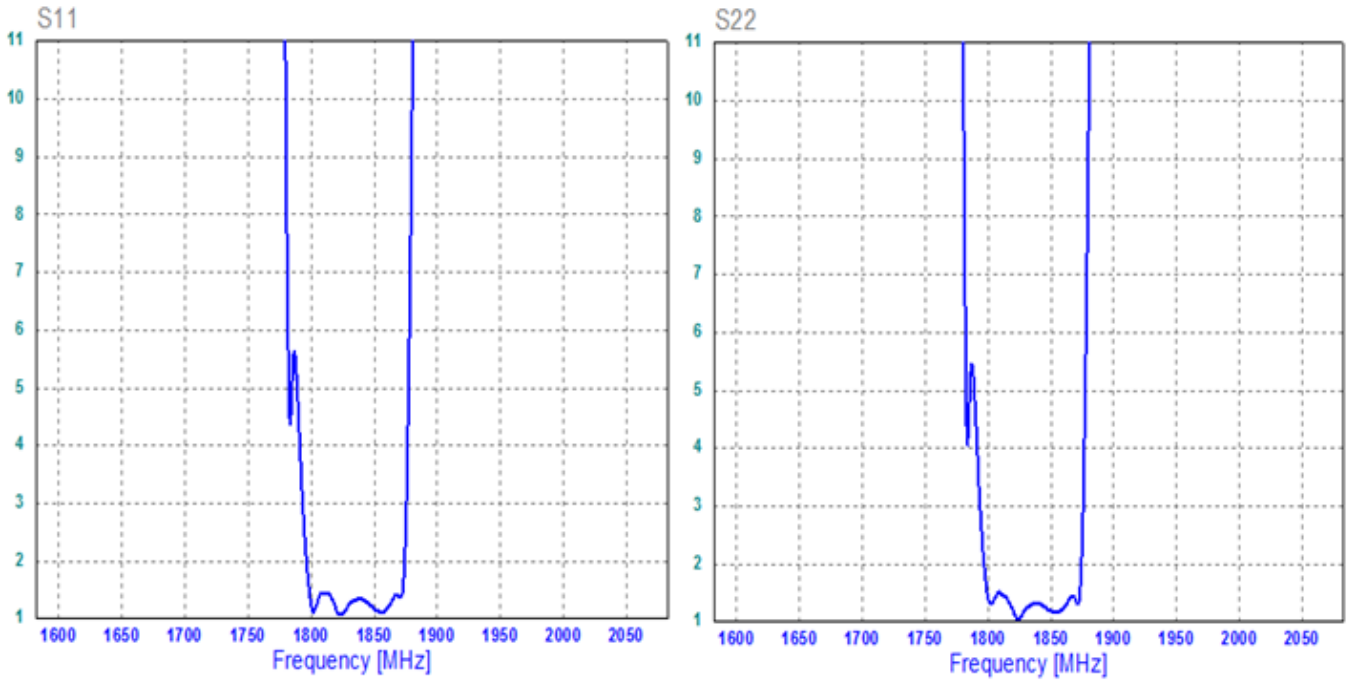
## Testing Environment



**Frequency Characteristics**



## VSWR



## Smith Chart

