

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

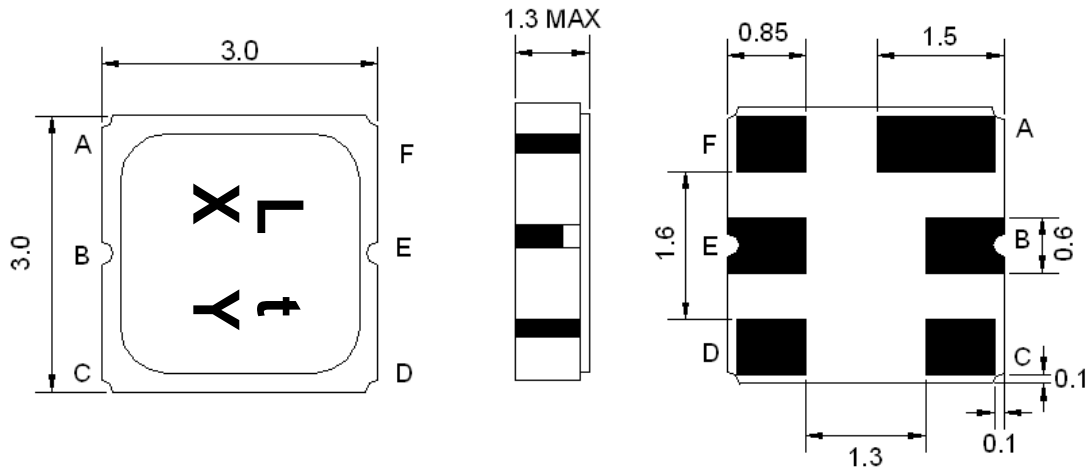
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	-
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S20			
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	-	2441.8	-
Insertion Loss within 2400.0 ~ 2483.5 MHz	dB	-	2.5	4.5
Amplitude Ripple within 2400.0 ~ 2483.5 MHz	dB _{p-p}	-	1.2	2.8
Attenuation:				
D.C ~ 1700.0 MHz	dB	20	29	-
1700.0 ~ 2200.0 MHz	dB	25	30	-
2700.0 ~ 3100.0 MHz	dB	30	40	-
3100.0 ~ 4000.0 MHz	dB	20	29	-
4000.0 ~ 5000.0 MHz	dB	10	20	-
VSWR within 2400.0 ~ 2483.5 MHz	-	-	1.7	2.5

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

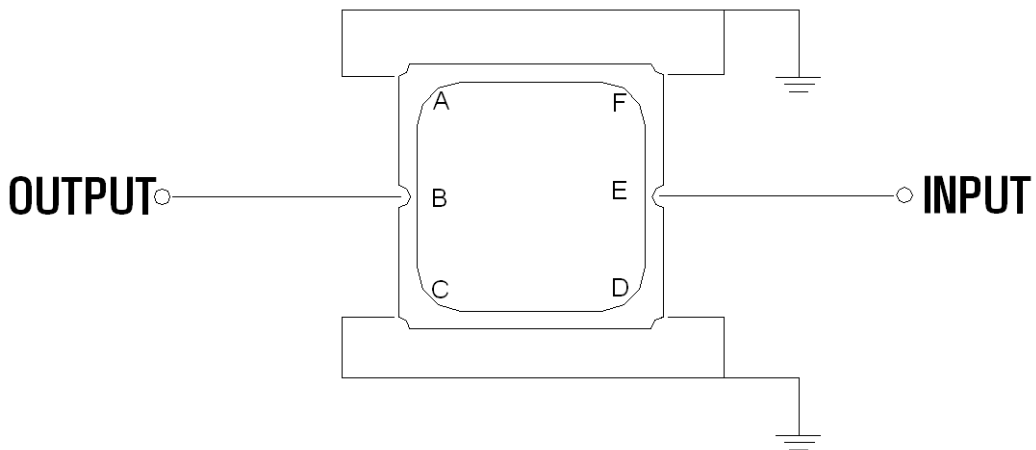
Package Dimensions



Marking Descriptions	
L	Wireless Application
t	Series Number
X	Date Code (Year)
Y	Date Code (Month)

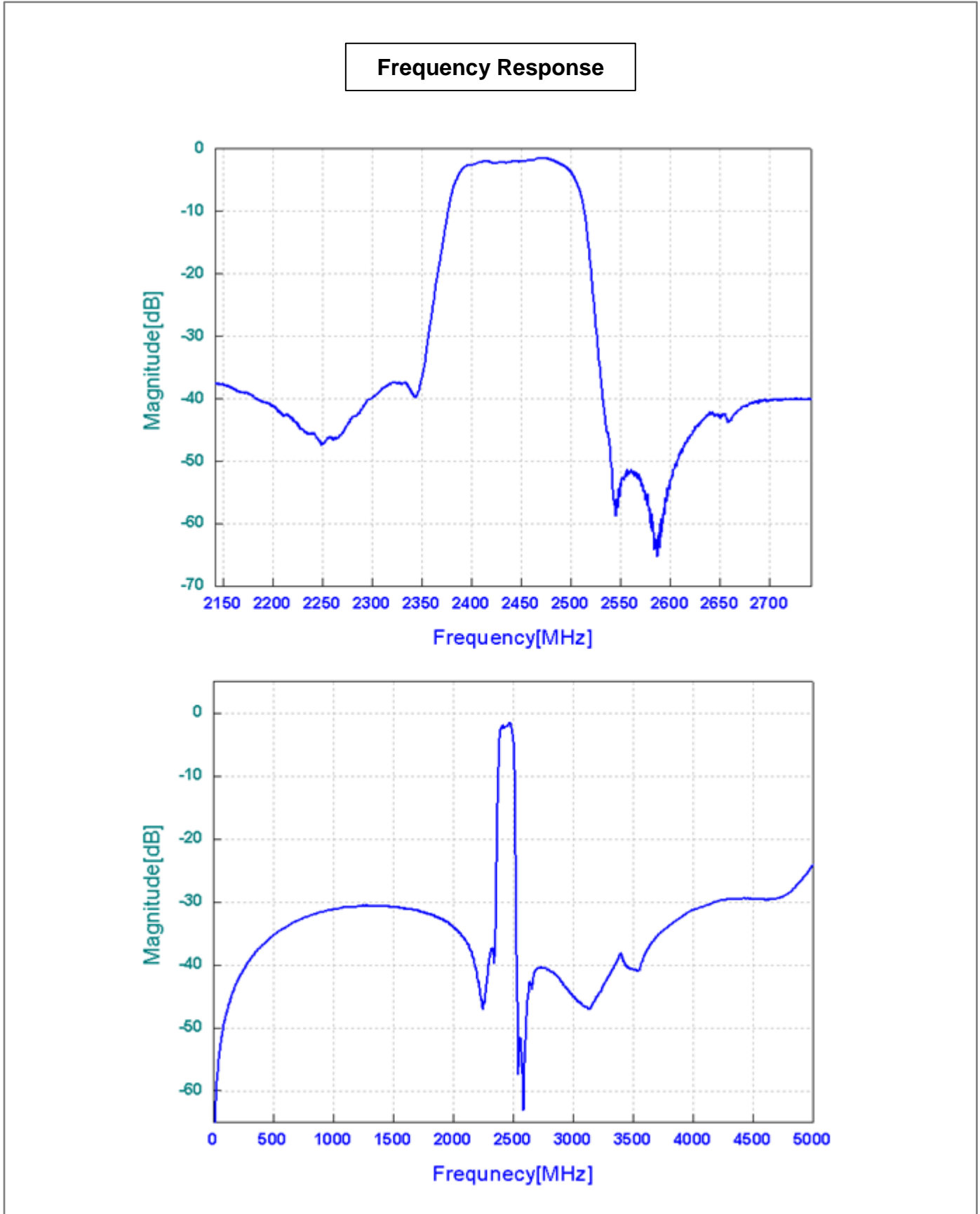
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

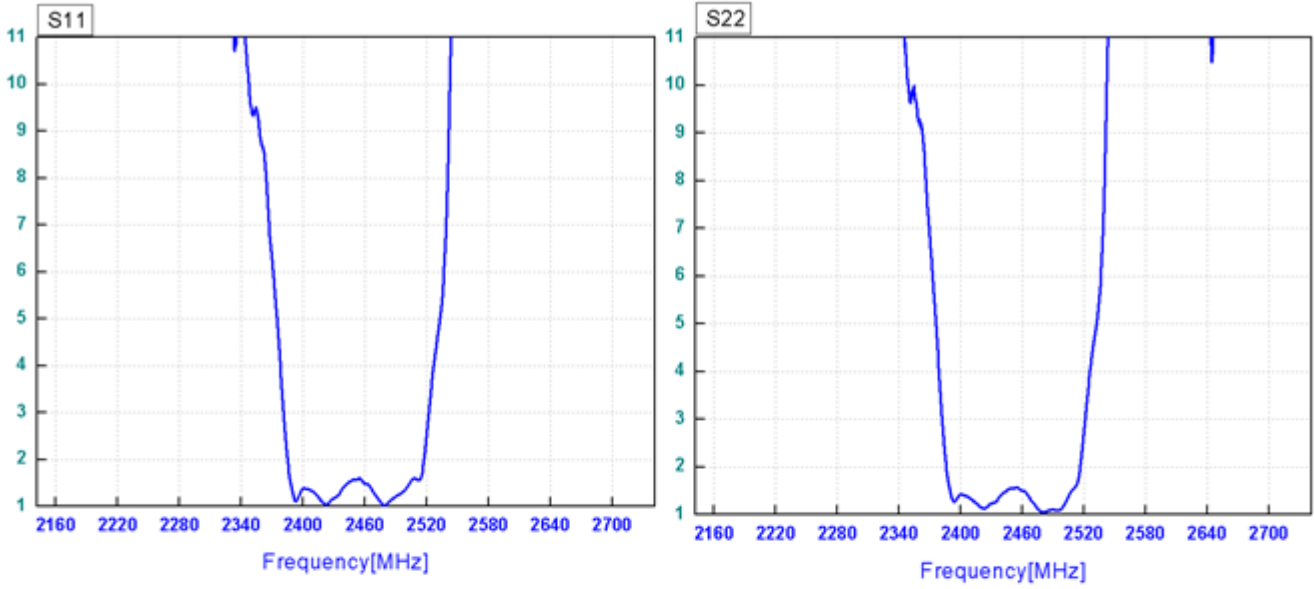


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

