

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

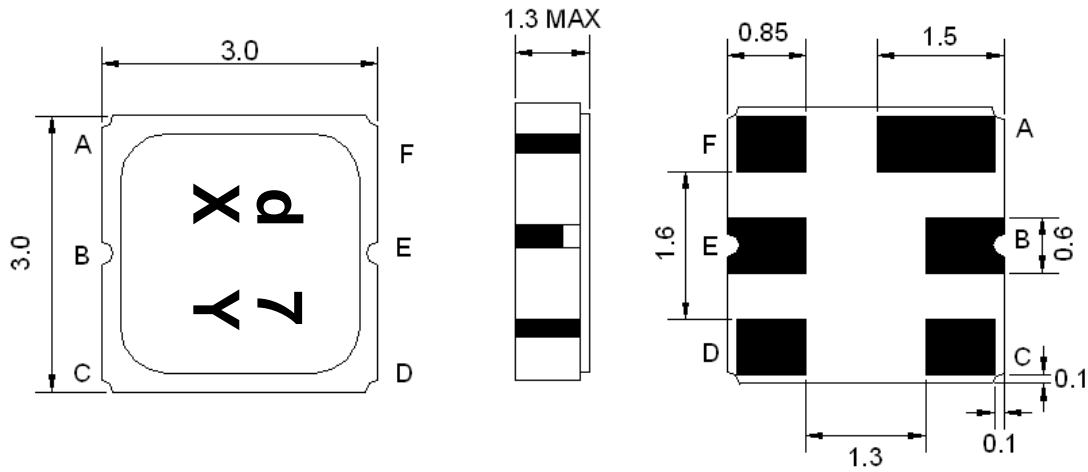
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-45	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	13
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	-	2345.0	-
Insertion Loss within 2320.0 ~ 2370.0 MHz	dB	-	1.8	3.0
Amplitude Ripple within 2320.0 ~ 2370.0 MHz	dB _{p-p}	-	0.7	1.5
Attenuation:				
D.C ~ 2200.0 MHz	dB	30	35	-
2170.0 ~ 2250.0 MHz	dB	35	43	-
2400.0 ~ 2700.0 MHz	dB	5	17	-
2700.0 ~ 5000.0 MHz	dB	10	20	-
VSWR within 2320.0 ~ 2370.0 MHz	-	-	1.6	2.2

Notes: (1) No Matching Network

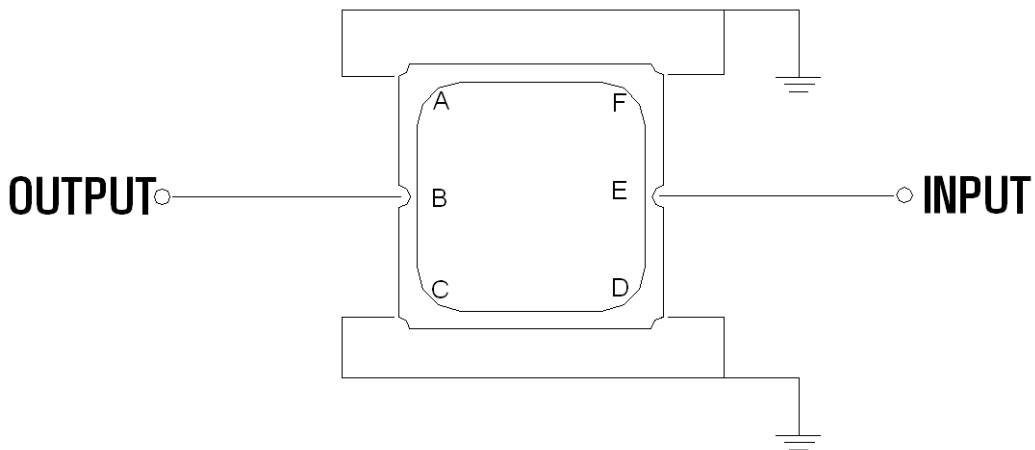
Package Dimensions



Marking Descriptions	
d	Wireless Application
7	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

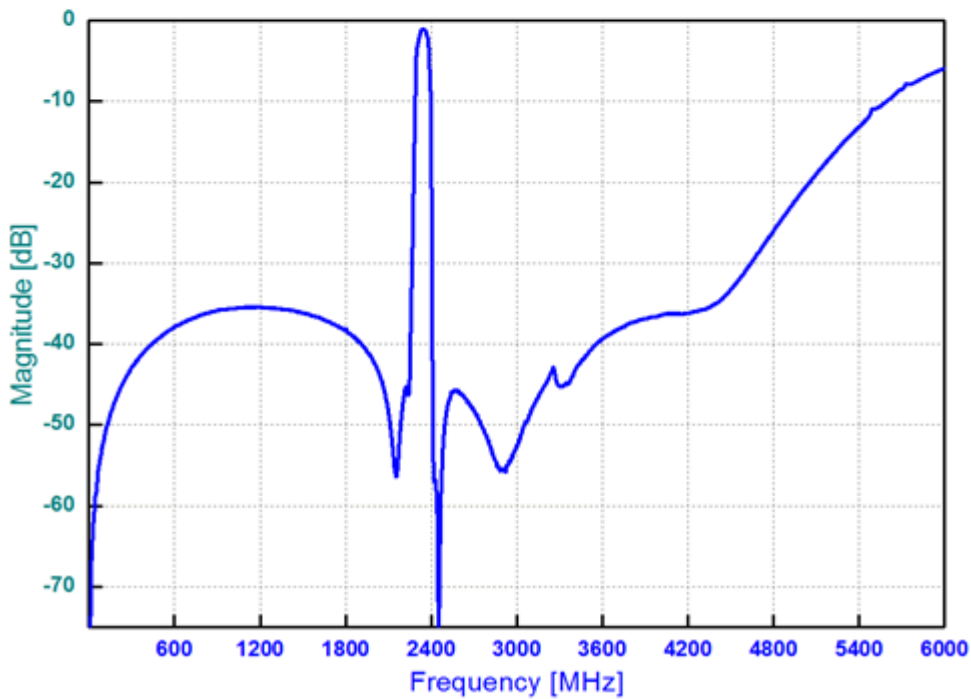
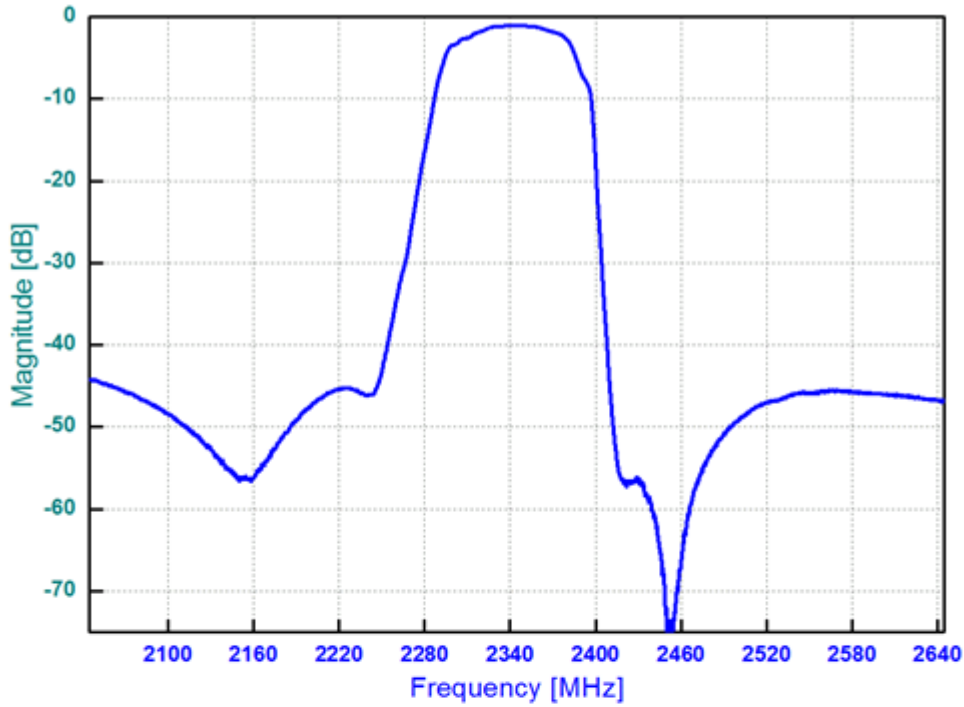
Testing Environment



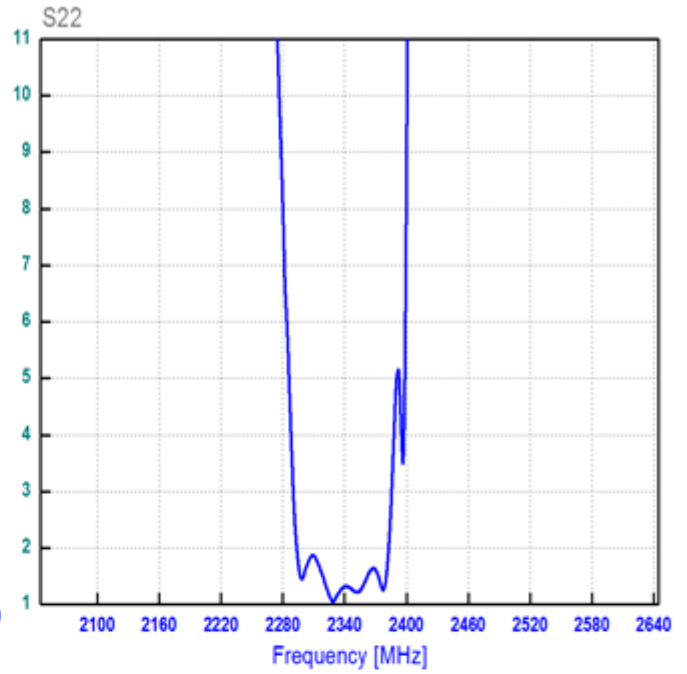
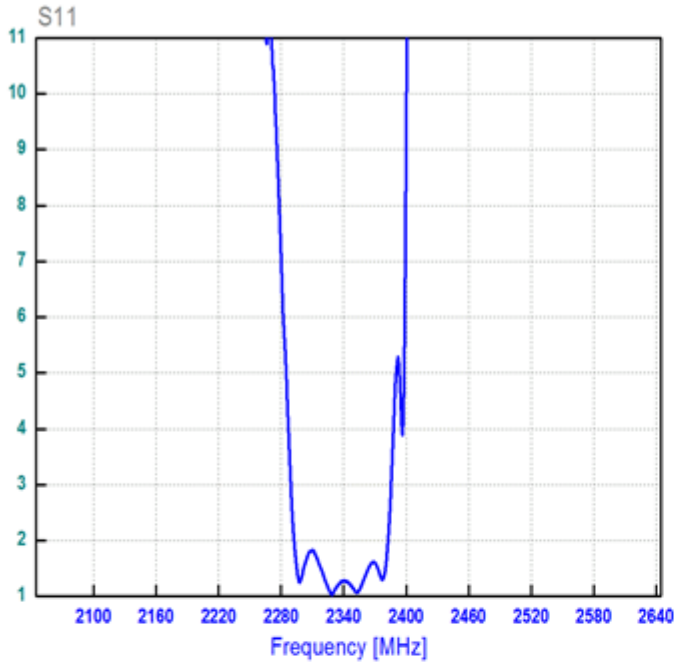
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

