

- Wireless, RF SAW Filter
- Revision 0: November 2012

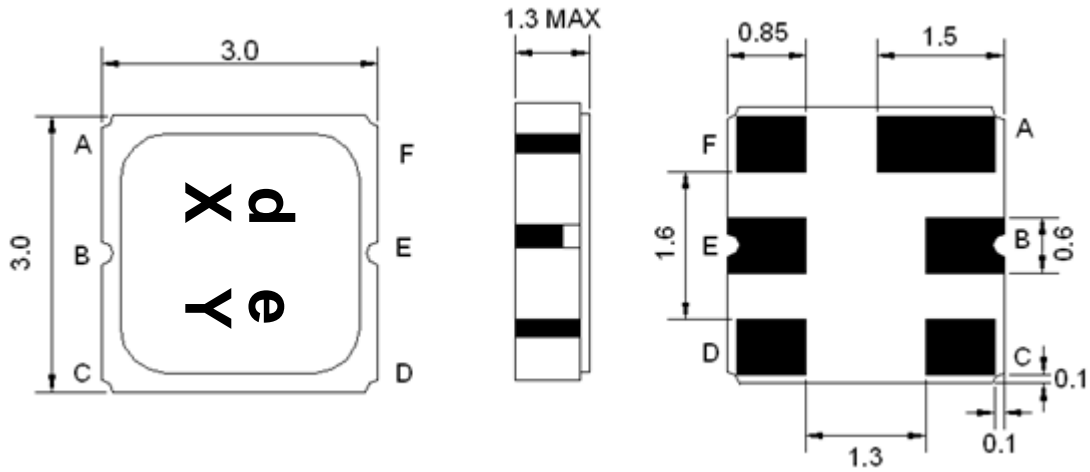
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
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	-	1321.9	-
Insertion Loss within 1320.9 ~ 1322.9 MHz	dB	-	3.2	3.5
Amplitude Ripple within 1320.9 ~ 1322.9 MHz	dB _{p-p}	-	0.2	1.0
Attenuation:				
1200.0 ~ 1290.0 MHz	dB	40	45	-
1350.0 ~ 1450.0 MHz	dB	40	48	-
VSWR within 1320.9 ~ 1322.9 MHz	-	-	1.5	2.0

Notes: (1) No Matching Network

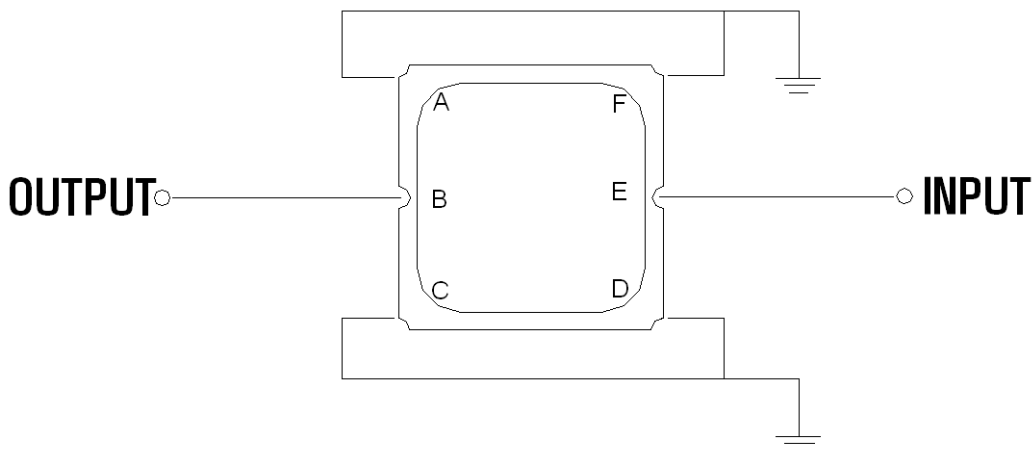
Package Dimensions



Marking Descriptions	
d	Wireless Application
e	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

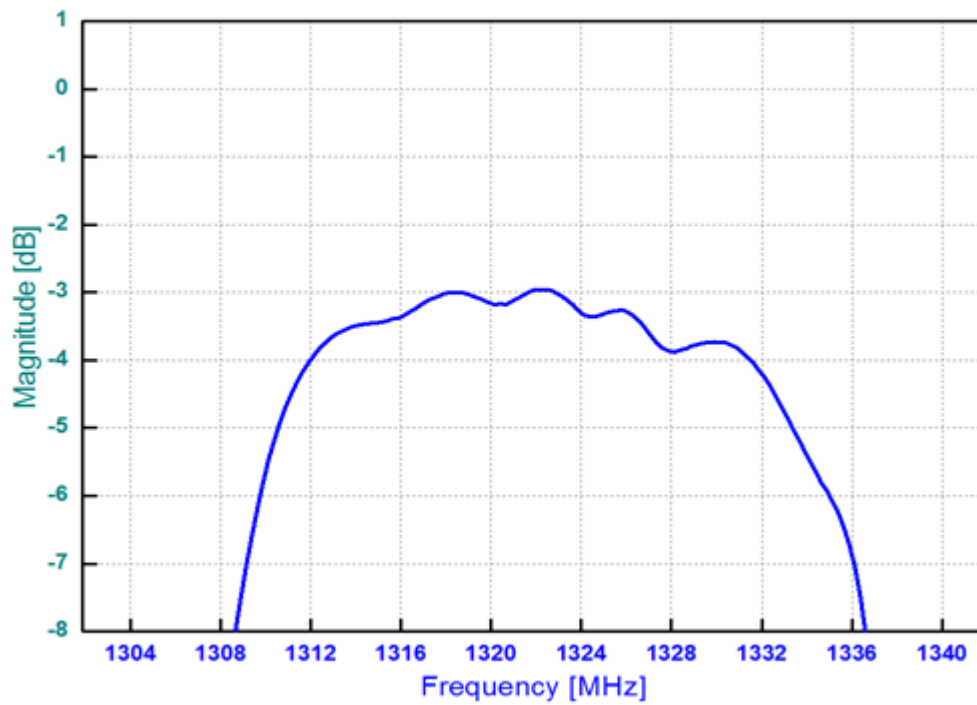
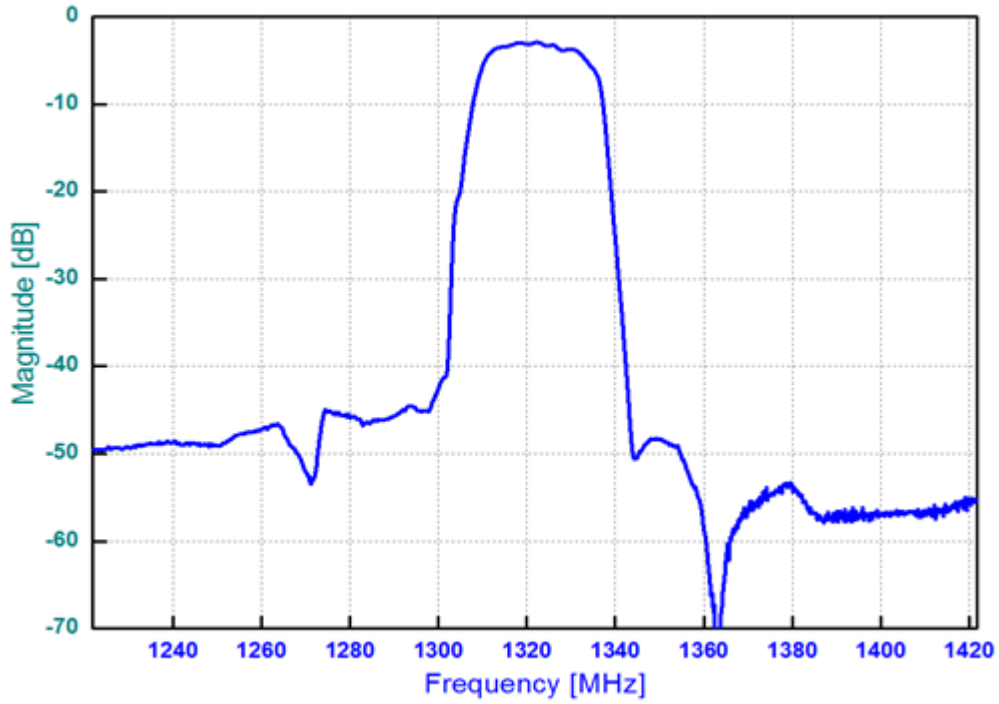
Testing Environment



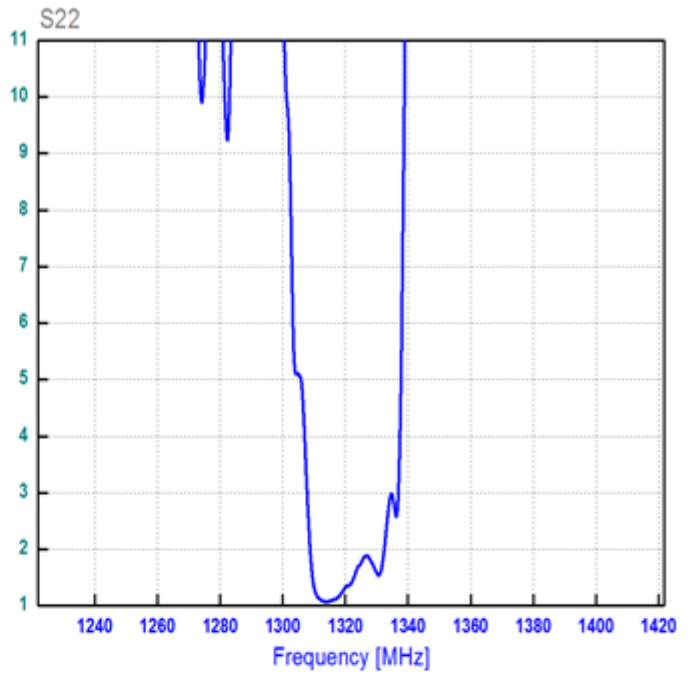
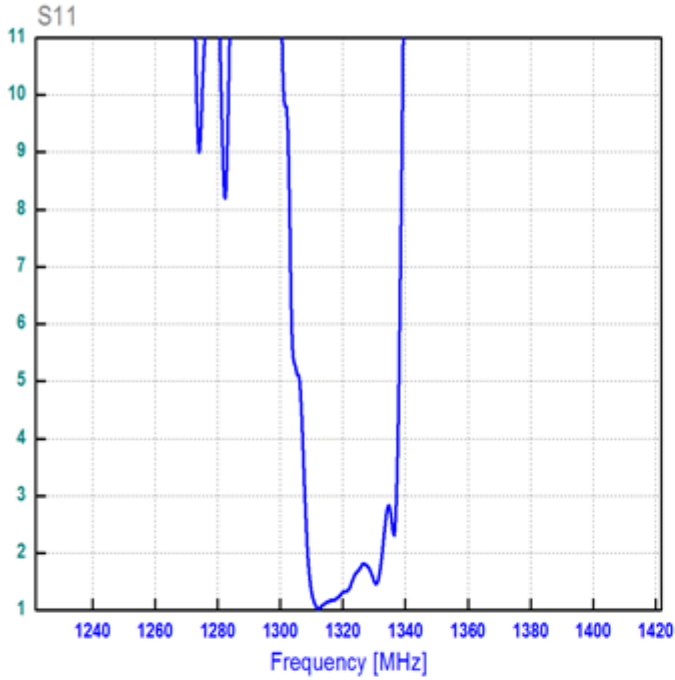
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

