

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

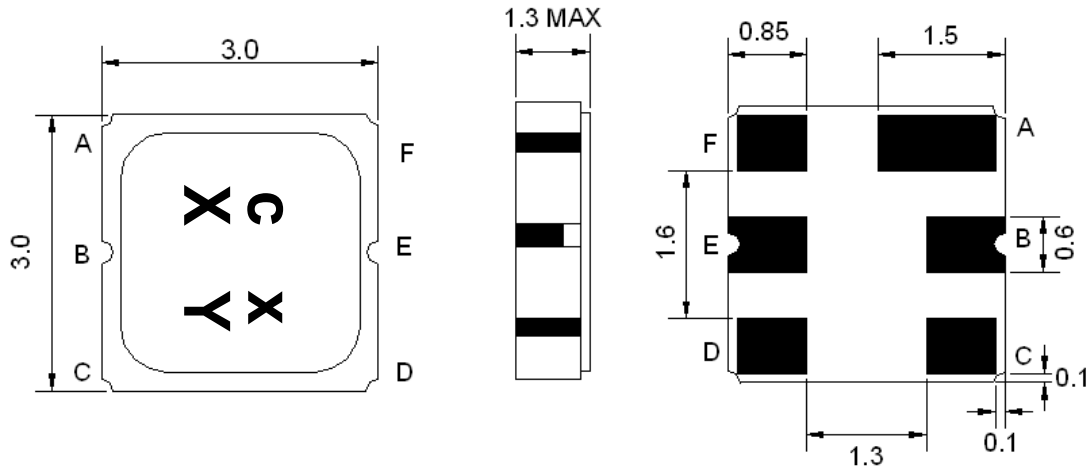
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+50
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
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	-	584.0	-
Insertion Loss within 578.0 ~ 590.0 MHz	dB	-	1.6	3.0
Amplitude Ripple within 578.0 ~ 590.0 MHz	dB _{p-p}	-	0.7	1.5
Return Loss within 578.0 ~ 590.0 MHz	dB	9	10	-
Attenuation:				
704.5 ~ 716.5 MHz (Tx LO Rejection)	dB	45	60	-
438.0 ~ 450.0 MHz (Rx Image Harmonic)	dB	45	60	-
536.0 ~ 548.0 MHz (Tx Rejection)	dB	40	48	-
900.0 ~ 3000.0 MHz (High Side Rejection)	dB	15	25	-
20.0 ~ 373.0 MHz (Low Side Rejection)	dB	50	60	-

Notes: (1) No Matching Network.

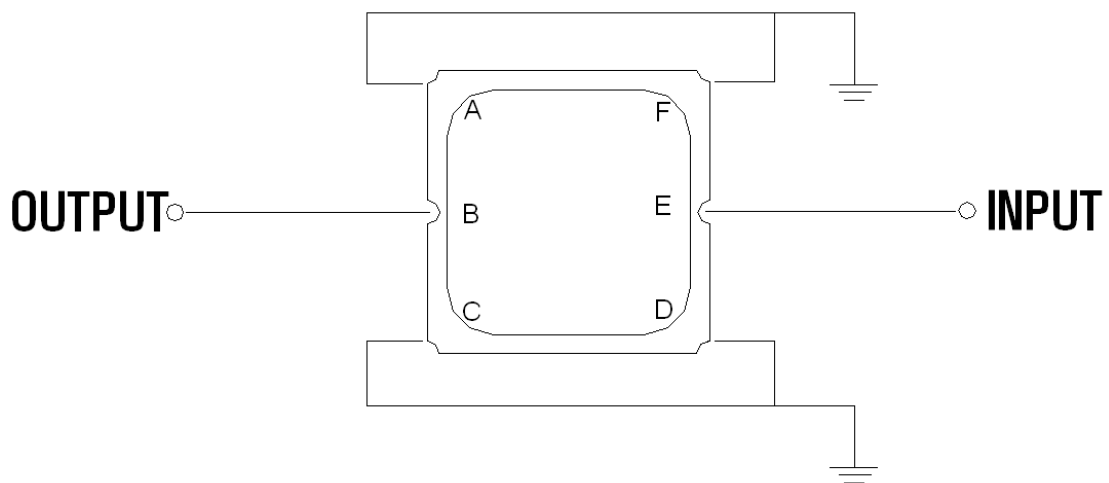
Package Dimensions



Marking Descriptions	
c	Wireless Application
x	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

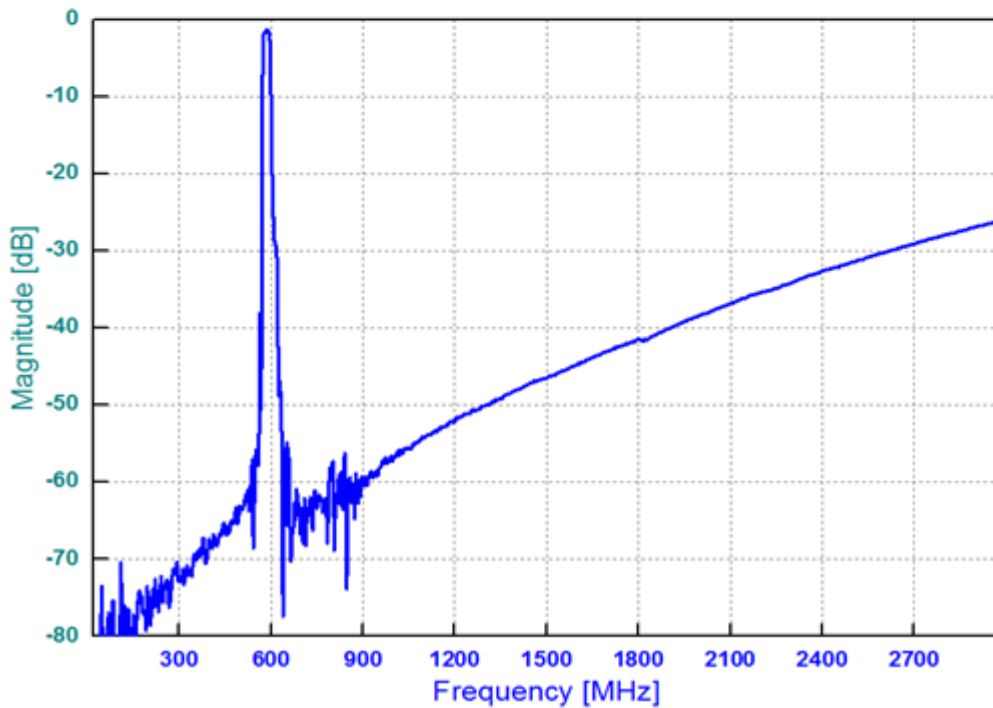
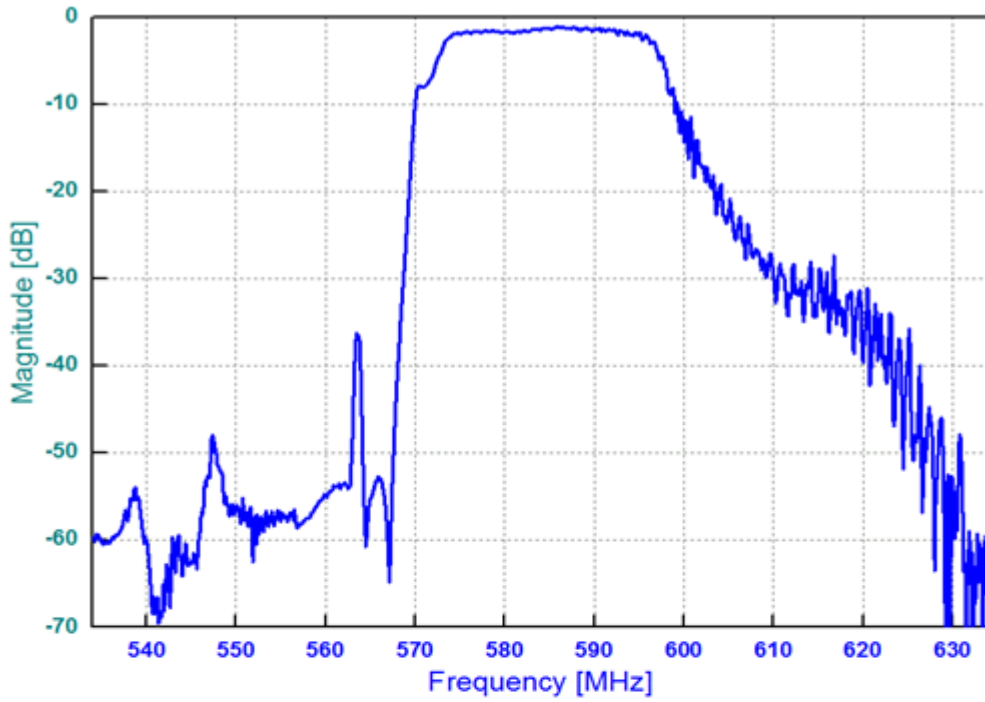
Testing Environment



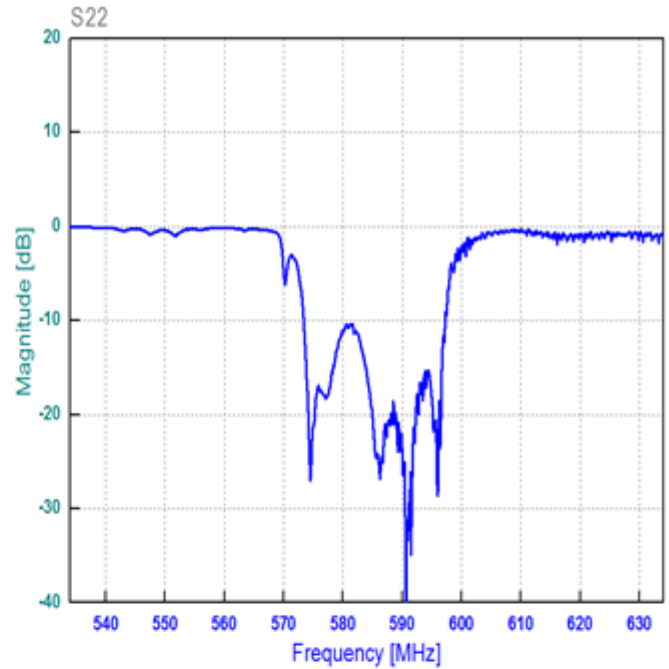
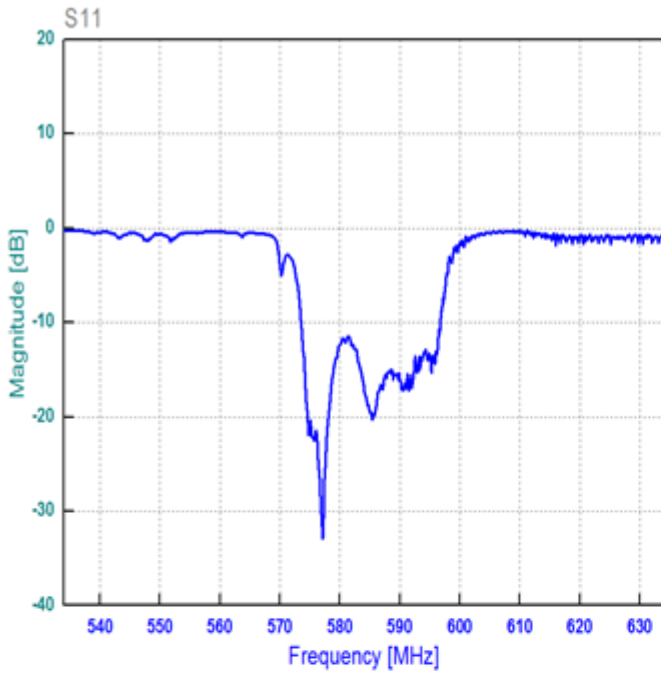
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



Return Loss



Smith Chart

