

- Wireless, RF SAW Filter
- Revision 1: April 2012

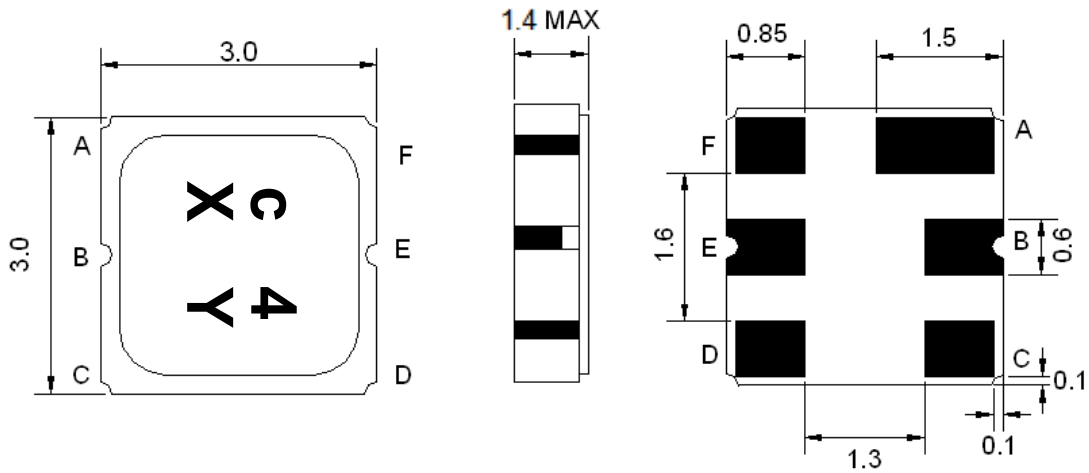
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-20	-	+75
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
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	-	922.5	-
Insertion Loss within 920.0 ~ 925.0 MHz	dB	-	2.2	3.0
Amplitude Ripple within 920.0 ~ 925.0 MHz	dB _{p-p}	-	0.2	1.0
Attenuation:				
775.0 ~ 835.0 MHz	dB	45	54	-
835.0 ~ 895.0 MHz	dB	40	48	-
970.0 ~ 992.0 MHz	dB	45	55	-
992.0 ~ 1075.0 MHz	dB	45	55	-
VSWR within 920.0 ~ 925.0 MHz	-	-	1.5	2.0

Notes: (1) No Matching Network

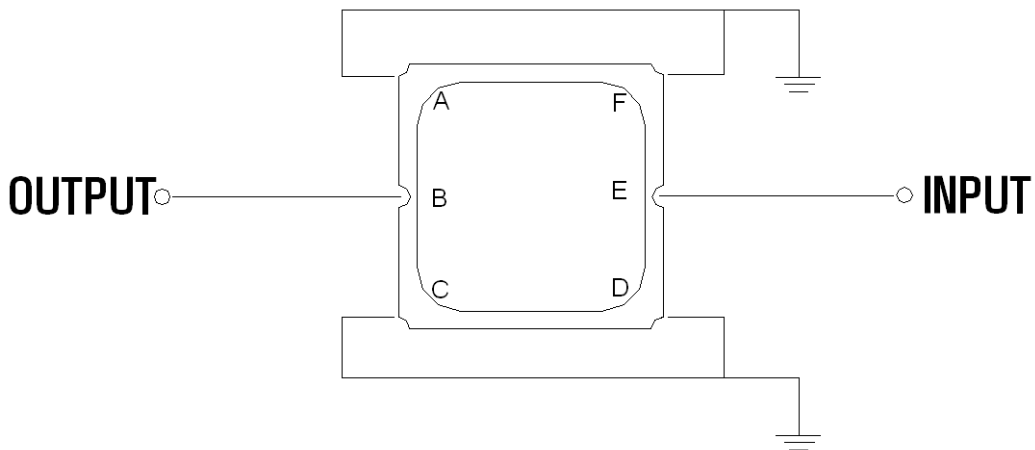
Package Dimensions



Marking Descriptions	
c	Wireless Application
4	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

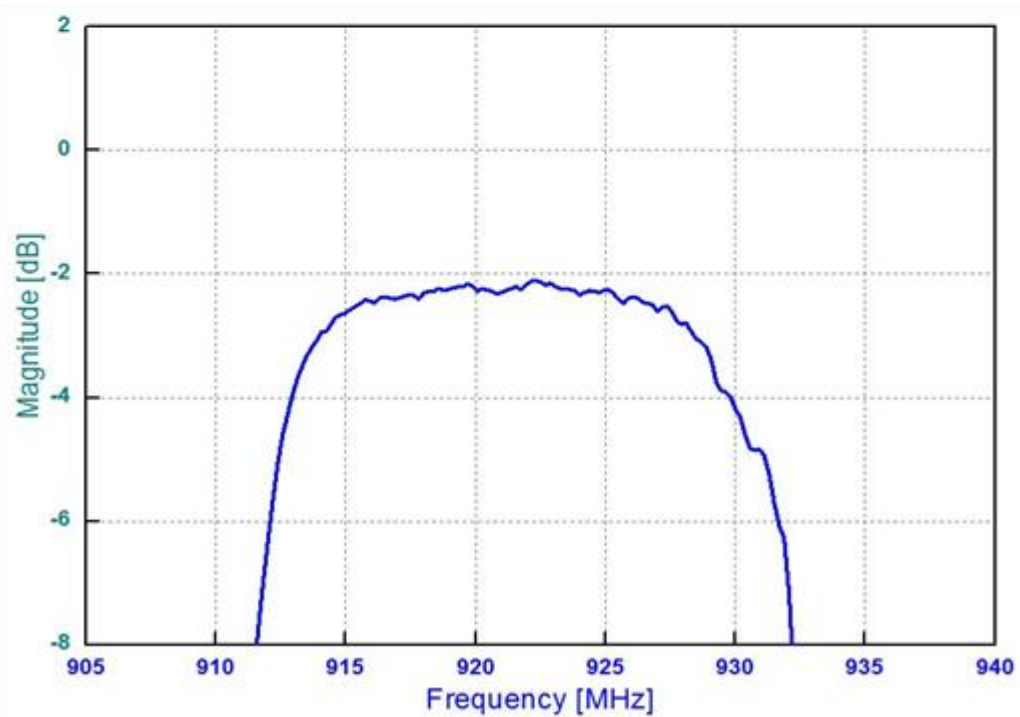
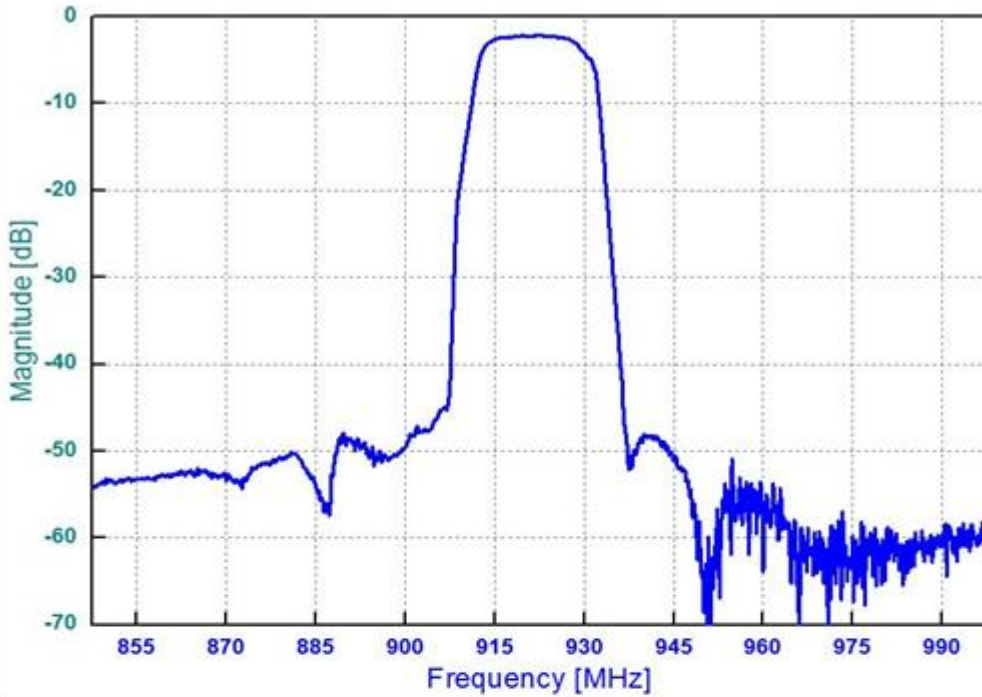
Testing Environment



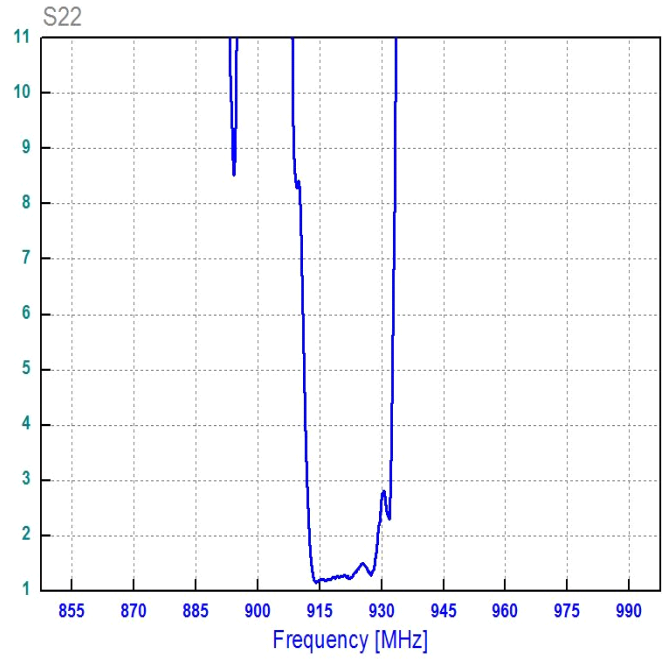
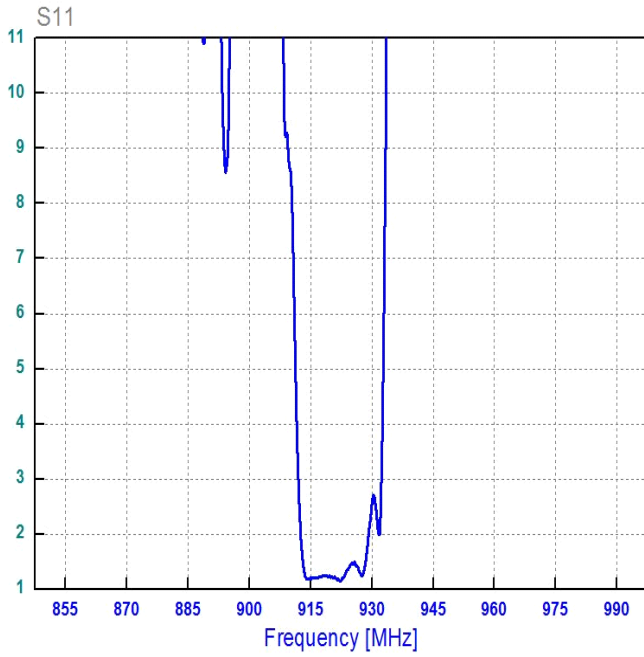
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

