

- Wireless, RF SAW Filter
- Revision 0: July 2010

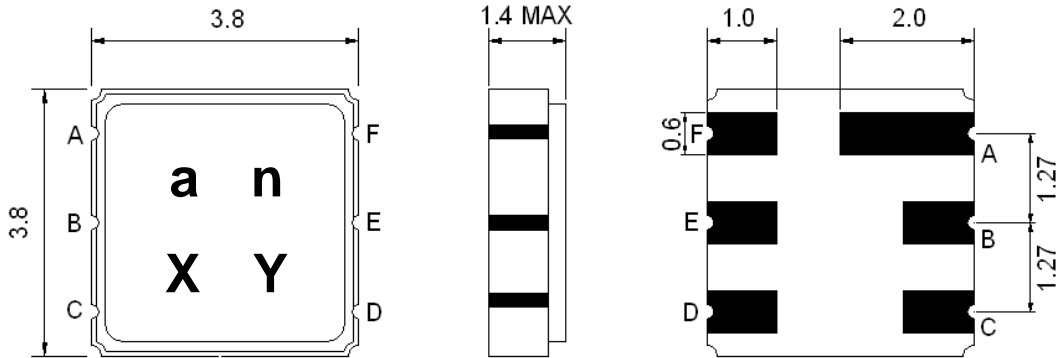
## Electrical Characteristics

MAXIMUM RATING				
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) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	P			
Length x Width	mm <sup>2</sup>	-	3.8 x 3.8	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1191.8	-
Insertion Loss within 1164.3 ~ 1219.3 MHz	dB	-	3.0	4.5
Amplitude Ripple within 1164.3 ~ 1219.3 MHz	dB <sub>p-p</sub>	-	1.3	2.7
Group Delay Variation within 1164.3 ~ 1219.3 MHz	ns <sub>p-p</sub>	-	21	40
<b>Attenuation:</b>				
900.0 ~ 1040.0 MHz	dB	15	20	-
1040.0 ~ 1126.0 MHz	dB	15	20	-
1256.0 ~ 1345.0 MHz	dB	14	17	-
1345.0 ~ 1500.0 MHz	dB	13	16	-

**Notes:** (1) With Matching Network

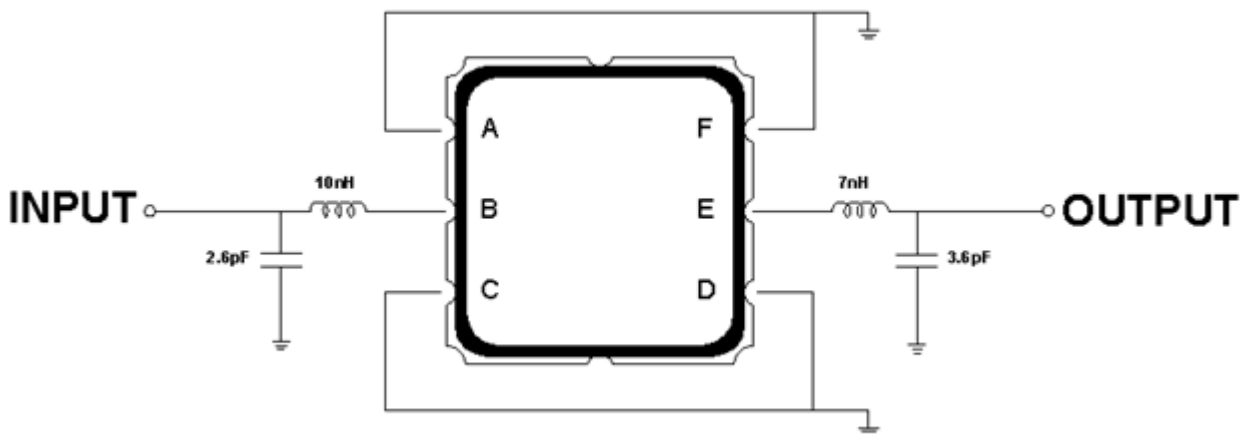
## Package Dimensions



Marking Descriptions	
a	Wireless Application
n	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

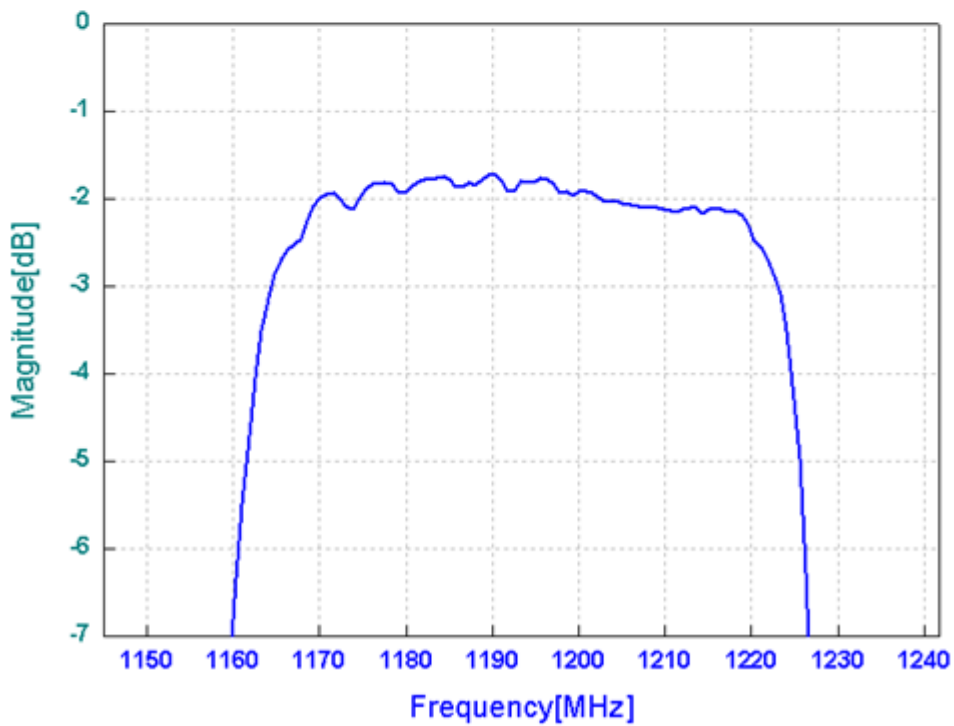
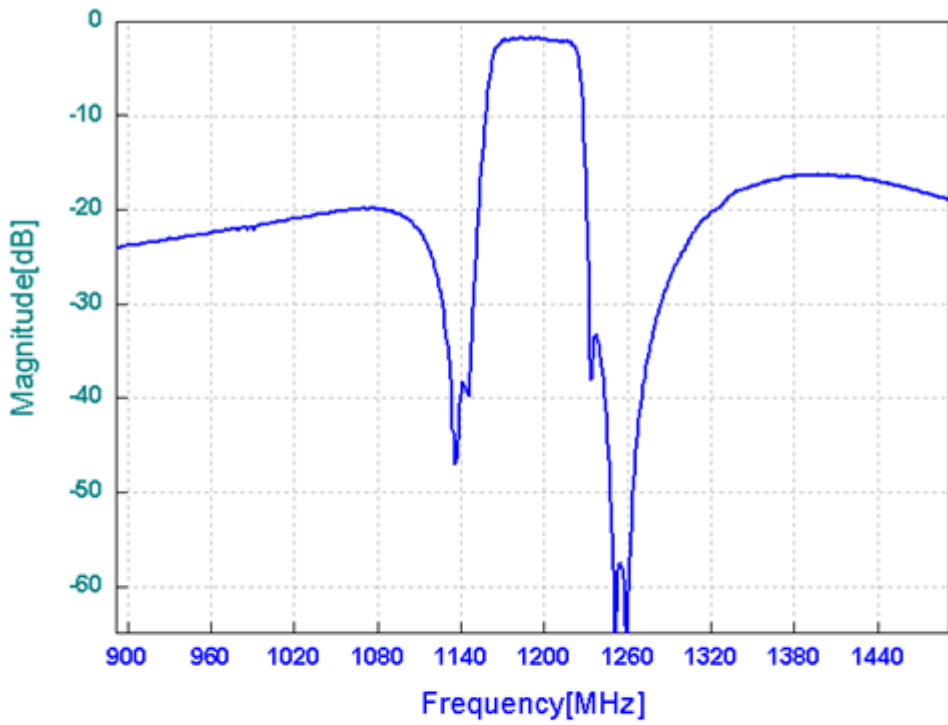
## Testing Environment



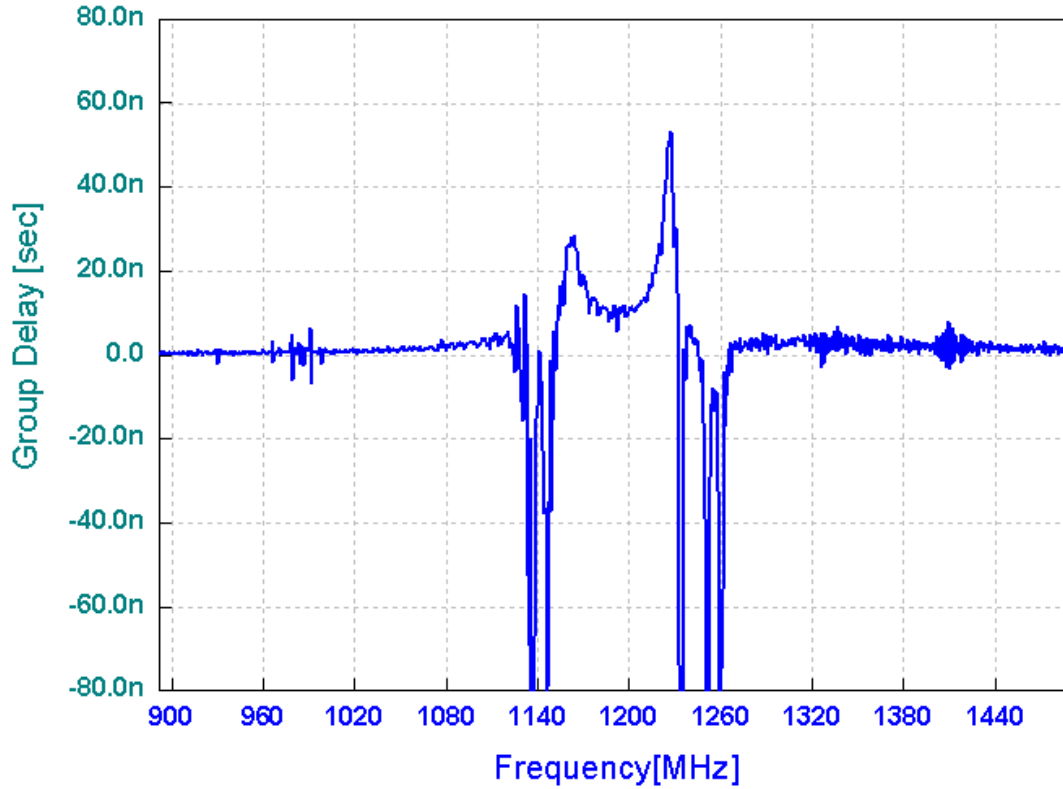
Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics

**Frequency Response**



**Group Delay**



**Smith Chart**

