

- Wireless, Balanced RF SAW Filter
- Revision 0: June 2006

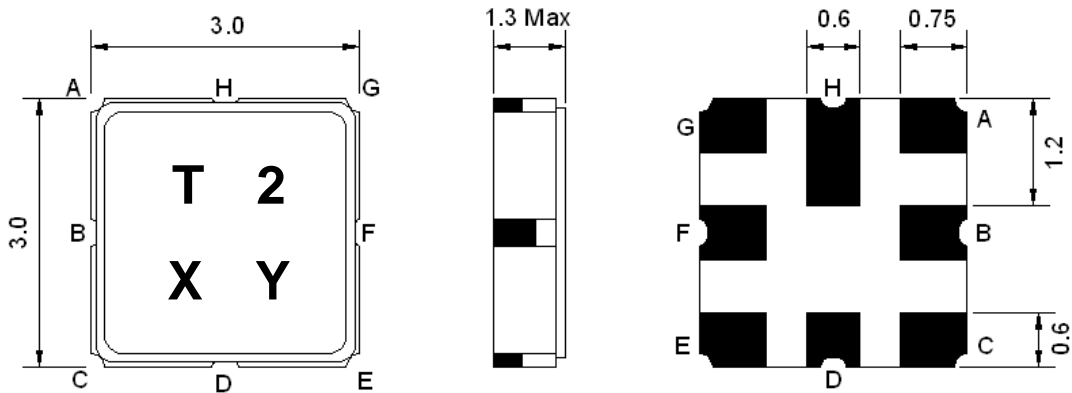
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	0
Source Impedance (balanced ended) <sup>(1)</sup>	Ω	-	200	-
Load Impedance (balanced ended) <sup>(1)</sup>	Ω	-	200	-
Package type & size	M1			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1220.0	-
Insertion Loss within 1216.0 ~ 1224.0 MHz	dB	-	3.5	4.8
Amplitude Ripple within 1216.0 ~ 1224.0 MHz	dB <sub>p-p</sub>	-	0.4	1.0
Phase Balance within 1081 ~ 1091 MHz	deg.	-	10	-
<b>Attenuation:</b>				
Fo-200.0 ~ Fo-68.0 MHz	dB	46	51	-
Fo-88.0 MHz	dB	48	53	-
Fo-72.0 MHz	dB	50	58	-
Fo-44.0 MHz	dB	48	56	-
Fo-36.0 MHz	dB	46	59	-
Fo+70.0 ~ 2000.0 MHz	dB	50	61	-

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

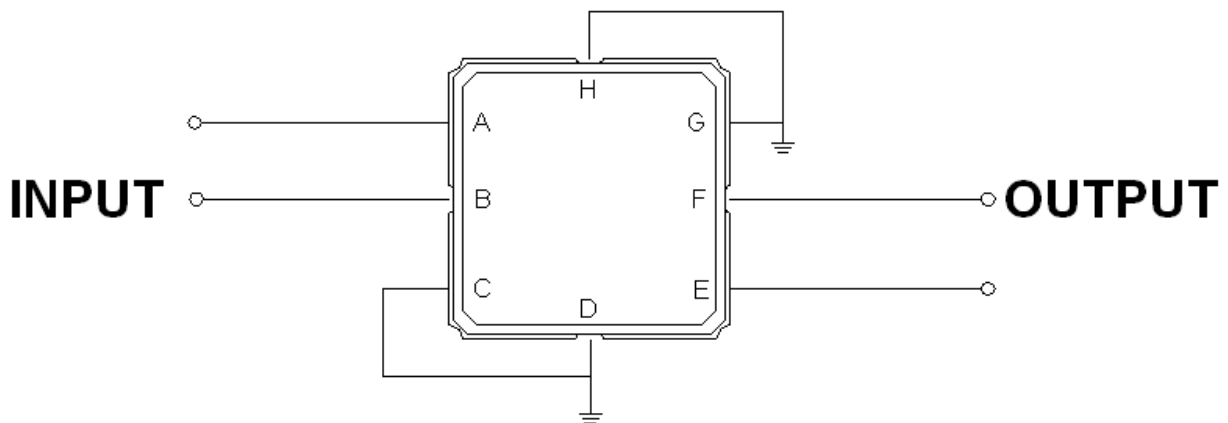
## Package Dimensions



Marking Descriptions	
T	CA-TV Application
2	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

## Testing Environment

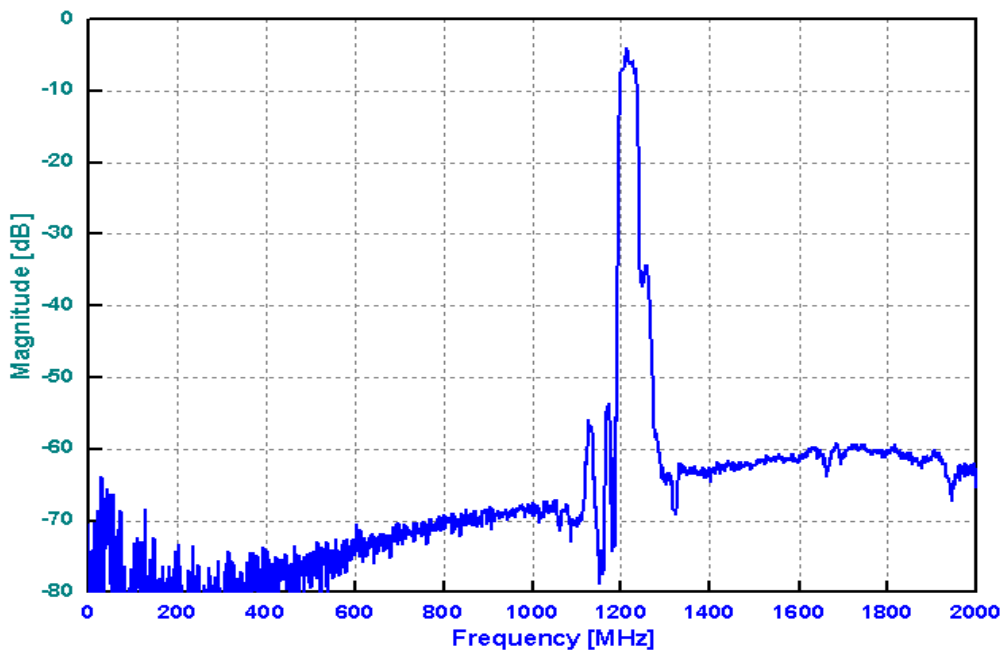
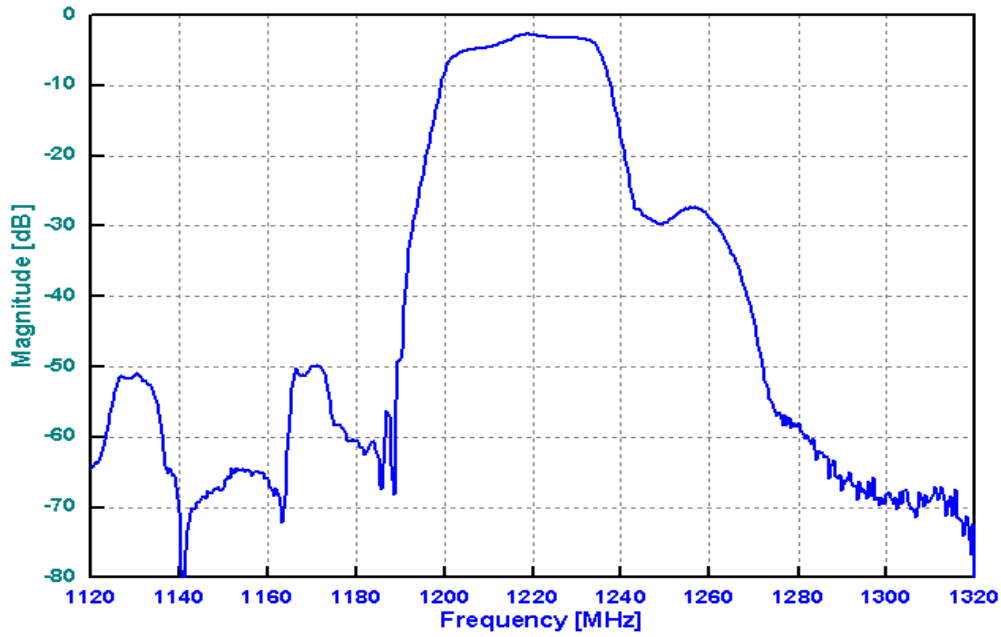


Source Impedance: 200  $\Omega$

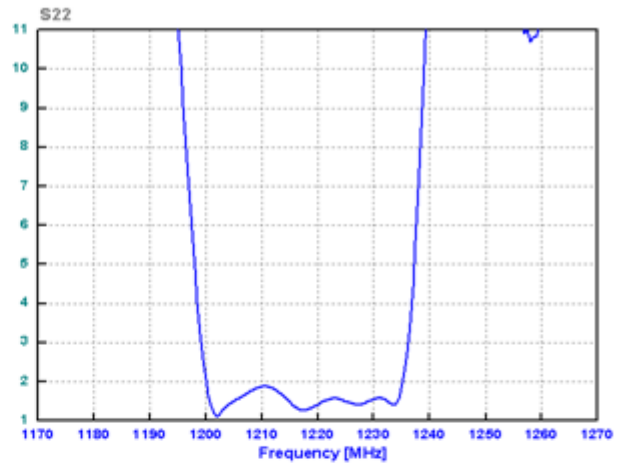
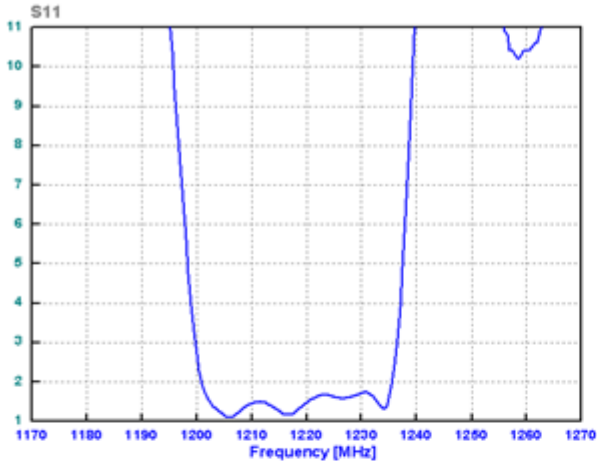
Load Impedance: 200  $\Omega$

## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

