

- Wireless, Balanced RF SAW Filter
- Revision 0: April 2005

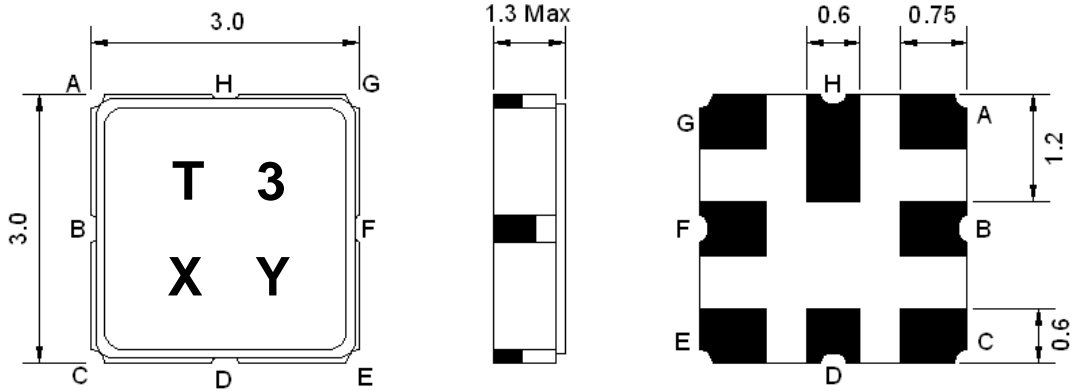
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	0
Source Impedance (balanced ended) ⁽¹⁾	Ω	-	200	-
Load Impedance (balanced ended) ⁽¹⁾	Ω	-	200	-
Package type & size	M1			
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	-	1220.0	-
Insertion Loss within 1206.0 ~ 1234.0 MHz	dB	-	4.0	5.7
Amplitude Ripple within 1206.0 ~ 1234.0 MHz	dB _{p-p}	-	1.9	3.5
Group Delay Ripple within 1206.0 ~ 1234.0 MHz	ns _{p-p}	-	15	-
Attenuation:				
300.0 ~ 1118.0 MHz	dB	40	59	-
1118.0 ~ 1146.0 MHz	dB	45	60	-
1300.0 ~ 2000.0 MHz	dB	45	59	-

Notes: (1) With Matching Network ns

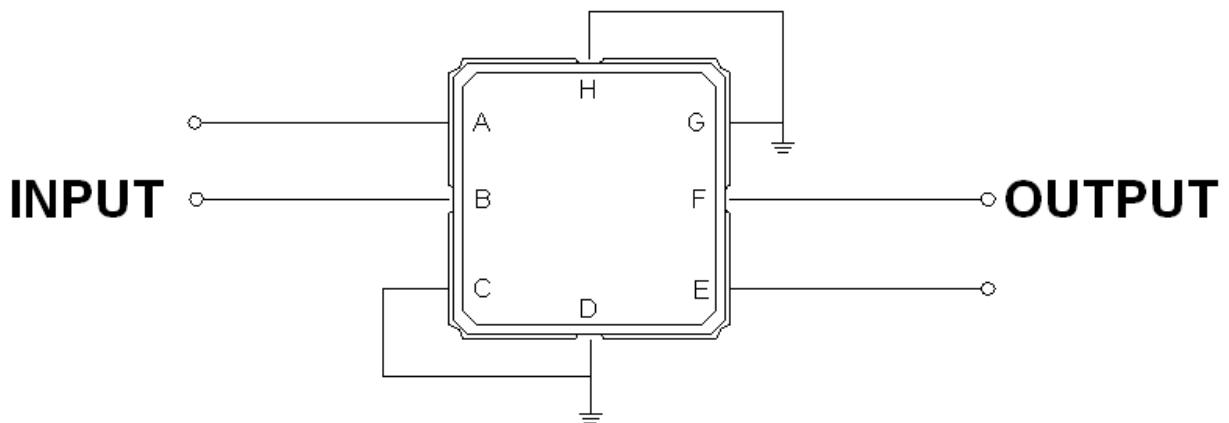
Package Dimensions



Marking Descriptions	
T	CA-TV Application
3	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

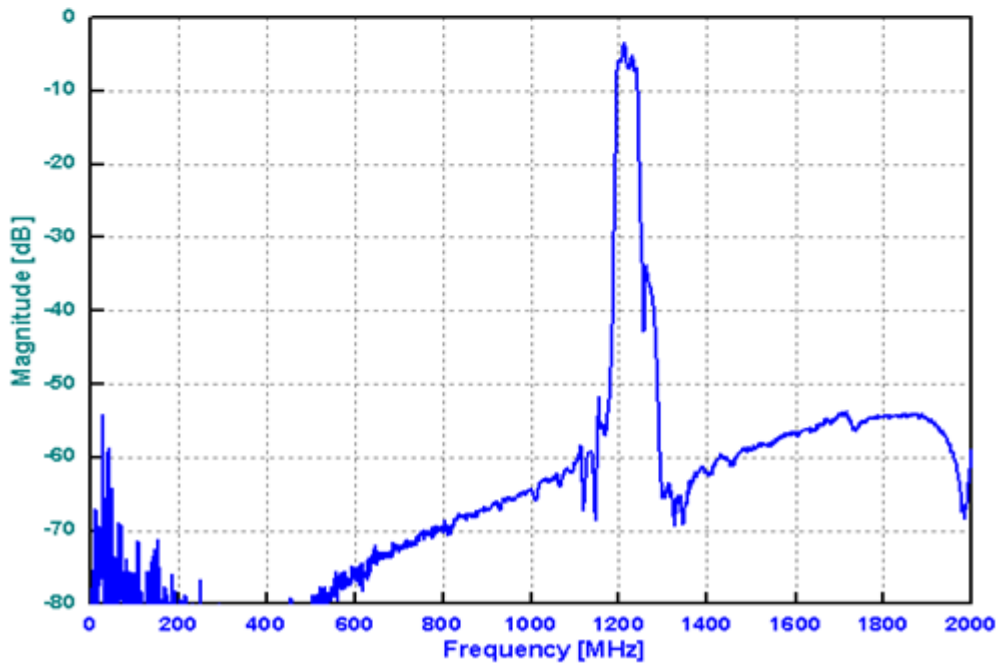
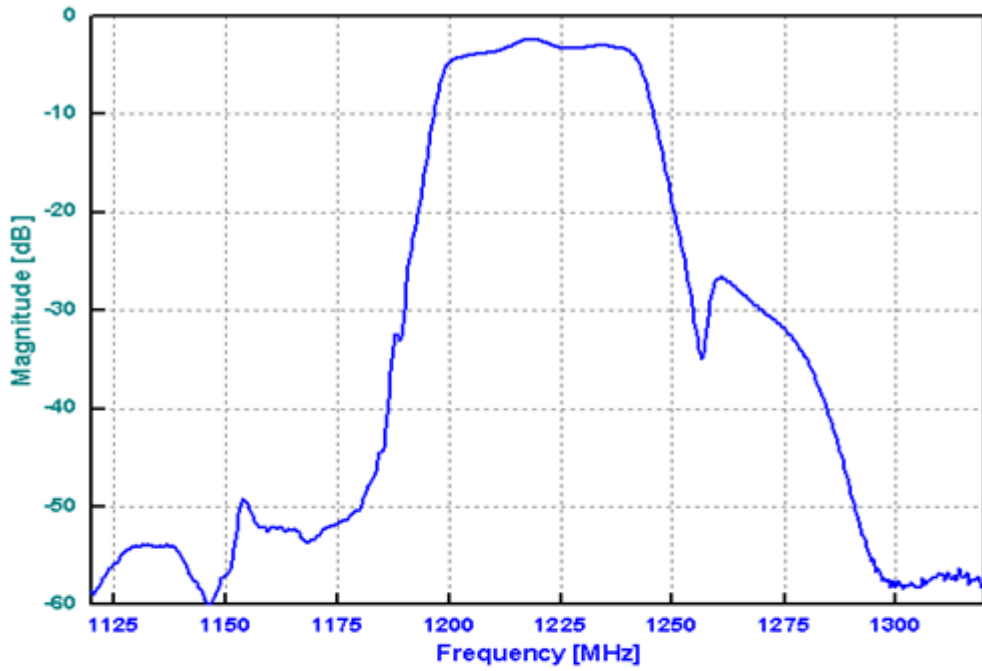


Source Impedance: 200 Ω

Load Impedance: 200 Ω

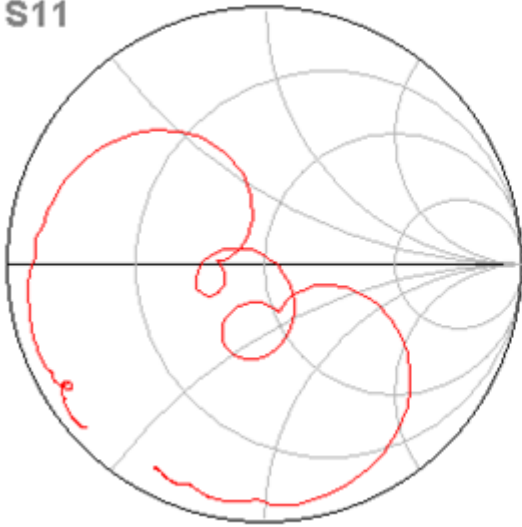
Frequency Characteristics

Frequency Response



Smith Chart

S11



S22

