

- CDMA 450 L-Band, RF-Tx SAW Filter
- Revision 0: September 2004

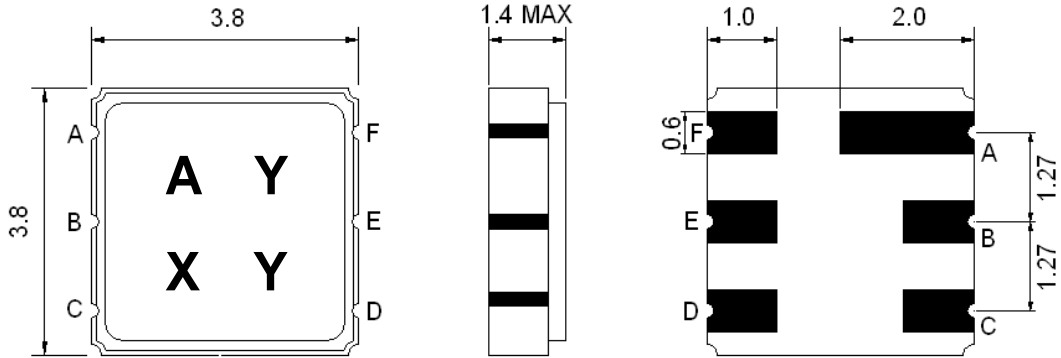
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	30
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	-	412.25	-
Insertion Loss in 410.0 ~ 414.5 MHz	dB	-	2.5	2.8
<b>Attenuation:</b>				
0.3 ~ 400.0 MHz	dB	23	26	-
420.0 ~ 424.5 MHz	dB	30	48	-
424.5 ~ 1700.0 MHz	dB	20	27	-
1700.0 ~ 2000.0 MHz	dB	15	18	-
VSWR in 411.6 ~ 415.9 MHz	-	-	1.3	2.0

**Notes :** (1) No Matching Network

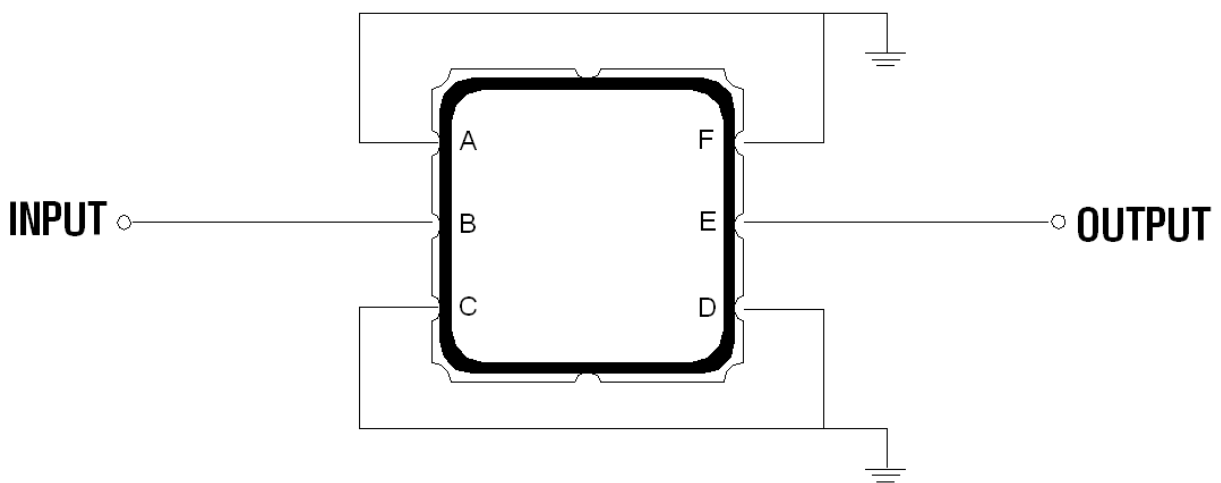
## Package Dimensions



Marking Descriptions	
A	CDMA450 Application
Y	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

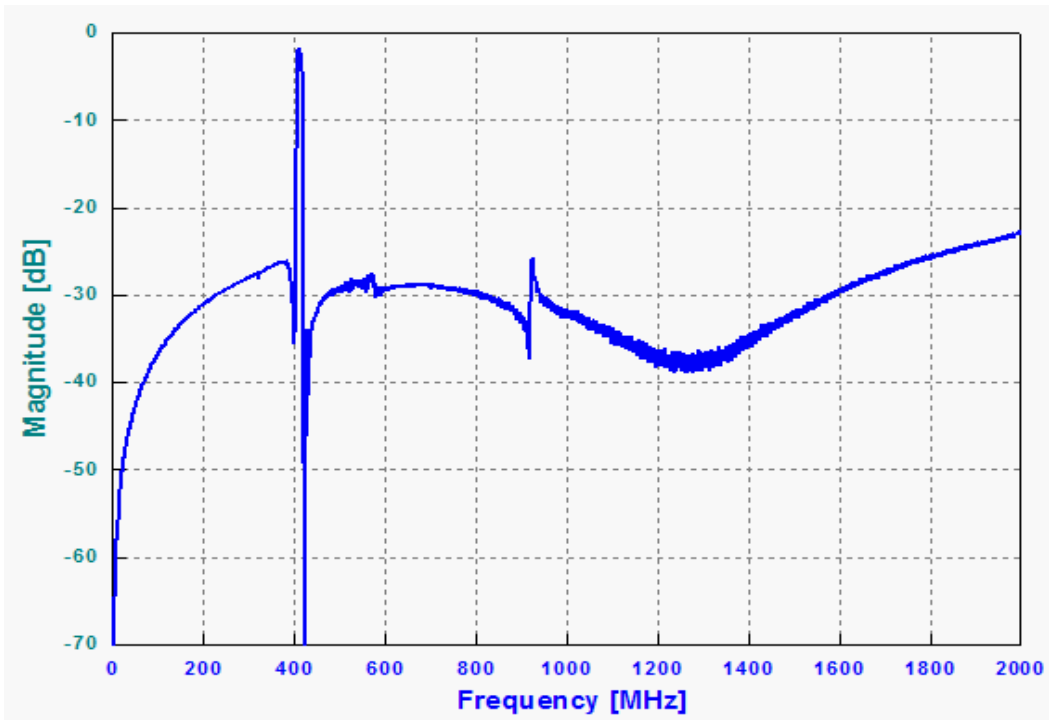
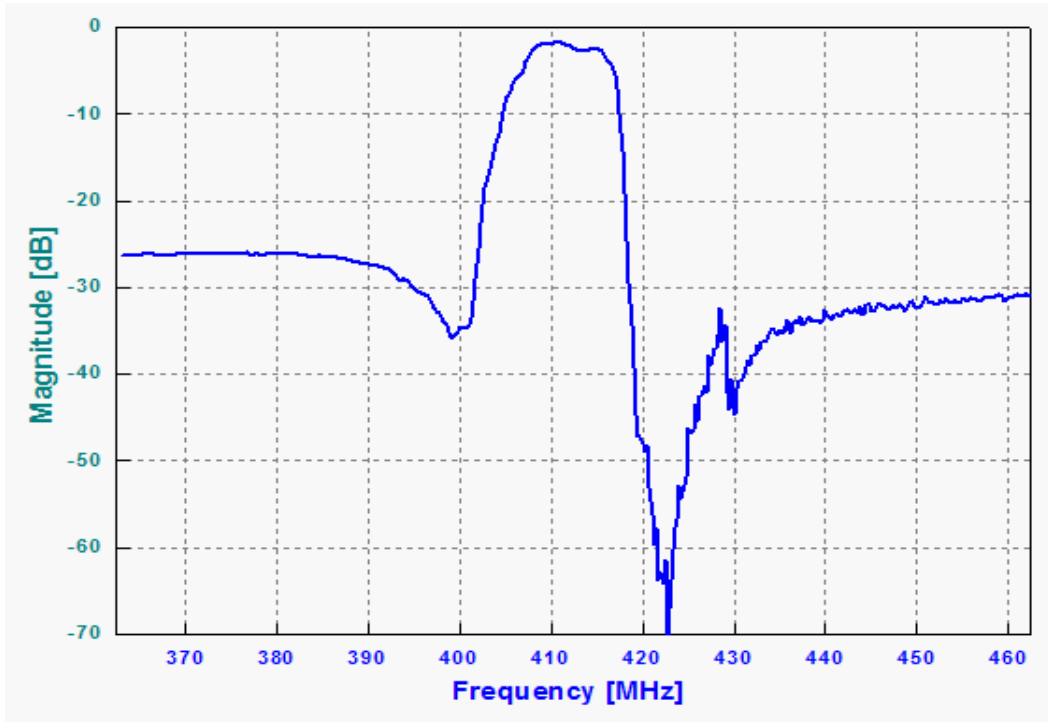
## Testing Environment



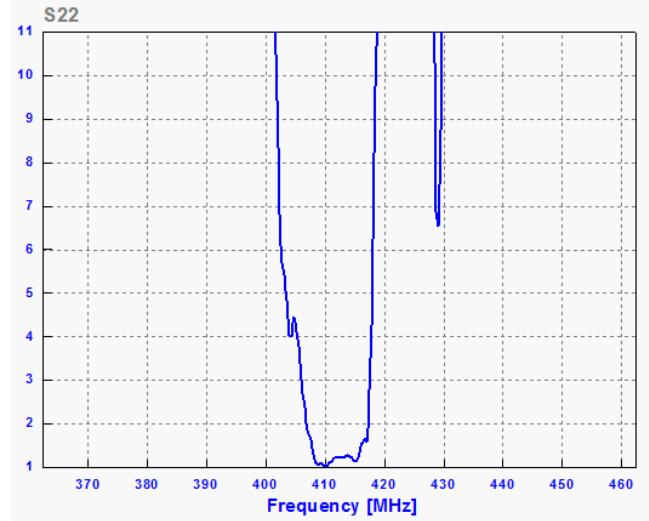
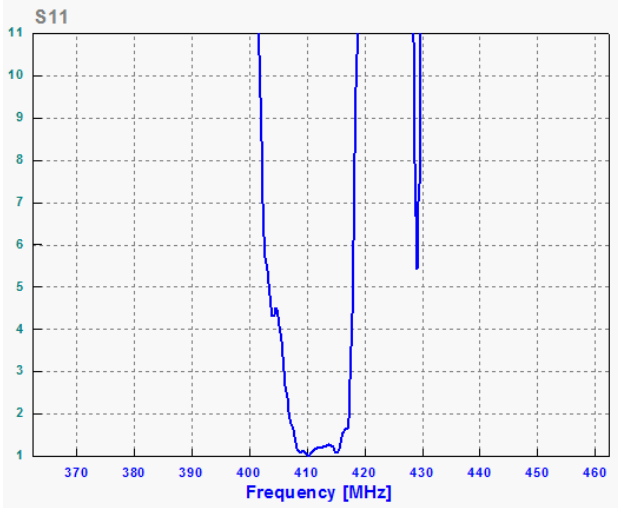
Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

