

- CDMA 450 D-Band, RF-Rx SAW Filter
- Revision 0: April 2006

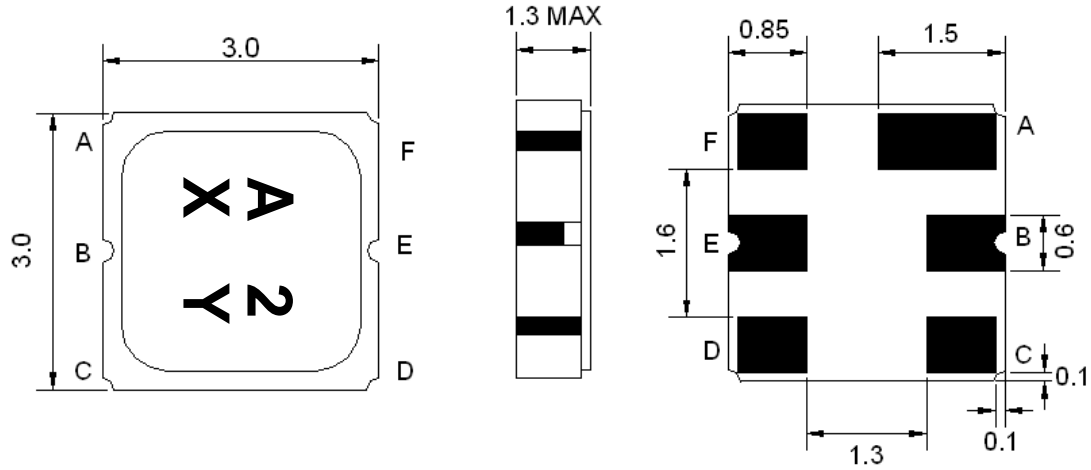
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
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	-	423.7	-
Insertion Loss within 421.6 ~ 425.9 MHz	dB	-	3.2	3.5
Attenuation:				
0.3 ~ 411.6 MHz	dB	37	47	-
411.6 ~ 415.9 MHz	dB	35	49	-
442.0 ~ 600.0 MHz	dB	40	47	-
600.0 ~ 1200.0 MHz	dB	40	47	-
1200.0 ~ 2000.0 MHz	dB	30	40	-
VSWR within 421.6 ~ 425.9 MHz	-	-	1.5	2.4

Notes : (1) No Matching Network .

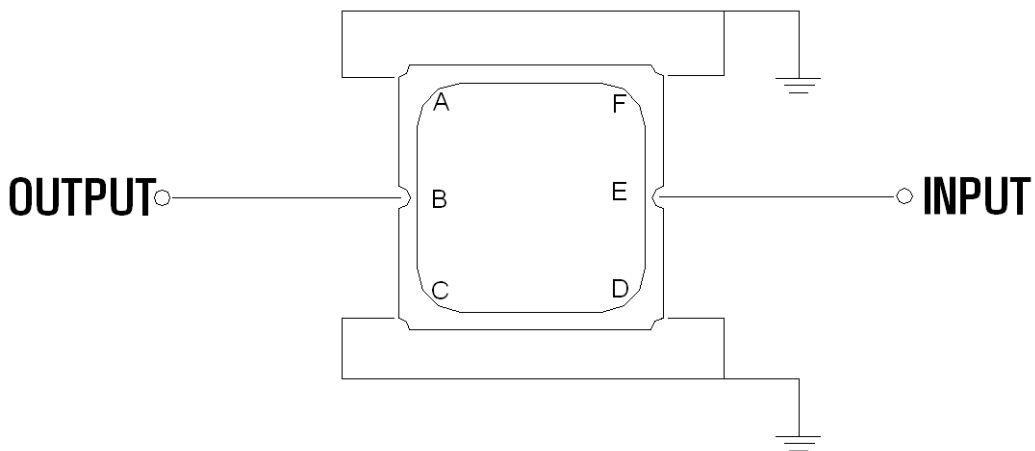
Package Dimensions



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

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

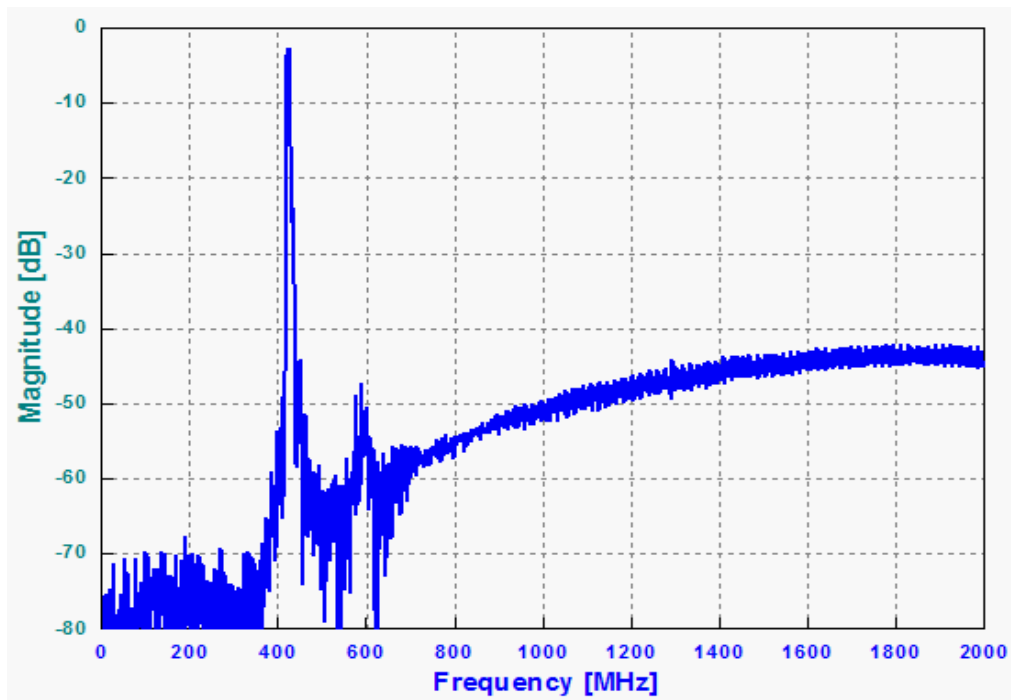
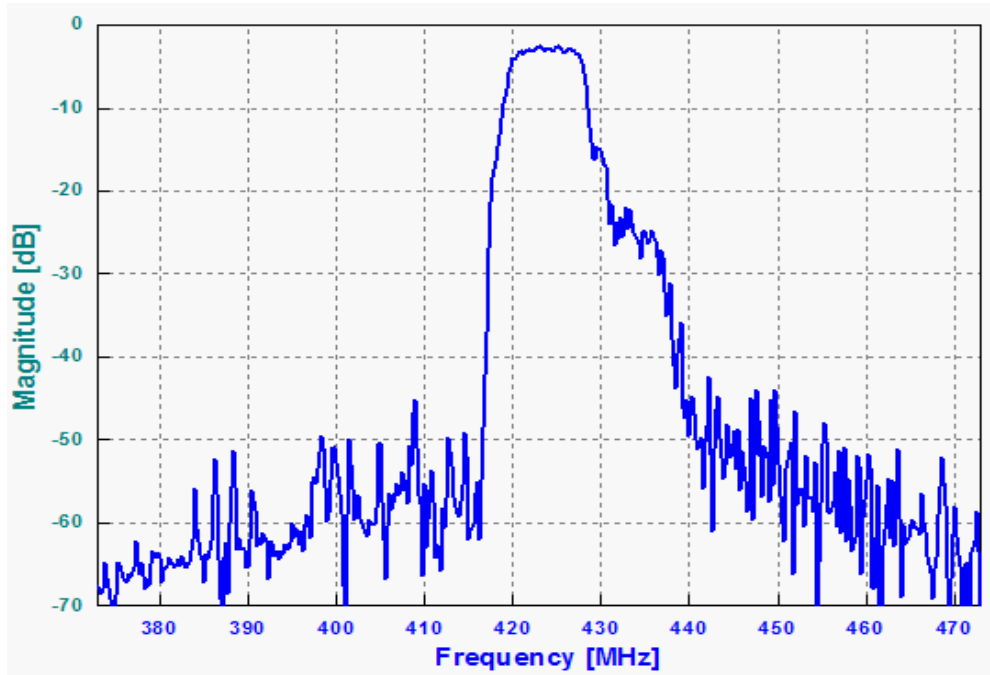
Testing Environment



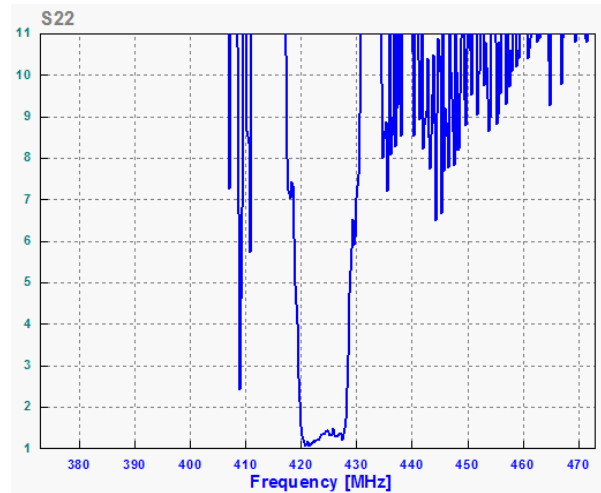
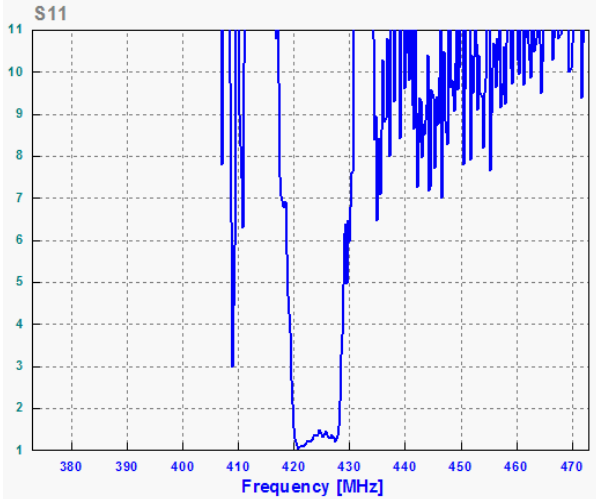
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

