

- CDMA450 A-Band, RF-Tx SAW Filter
- Revision 0: April 2007

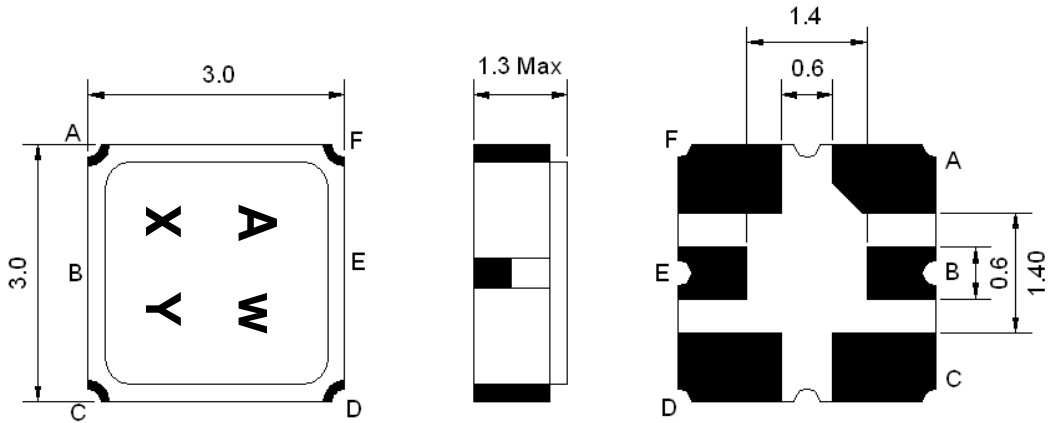
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	28
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M2			
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	-	455.0	-
Insertion Loss within 452.5 ~457.5 MHz	dB	-	1.8	2.8
Stop Band Attenuation:				
0.3 ~ 350.0 MHz	dB	30	33	-
350.0 ~ 445.0 MHz	dB	25	30	-
462.5 ~ 467.5 MHz	dB	30	47	-
462.5 ~ 467.5 MHz in -10°C ~ +85°C	dB	40	47	-
467.5 ~ 2000.0 MHz	dB	25	30	-
VSWR within 452.5 ~ 457.5 MHz	-	-	1.3	2.0

Notes : (1) No Matching Network.

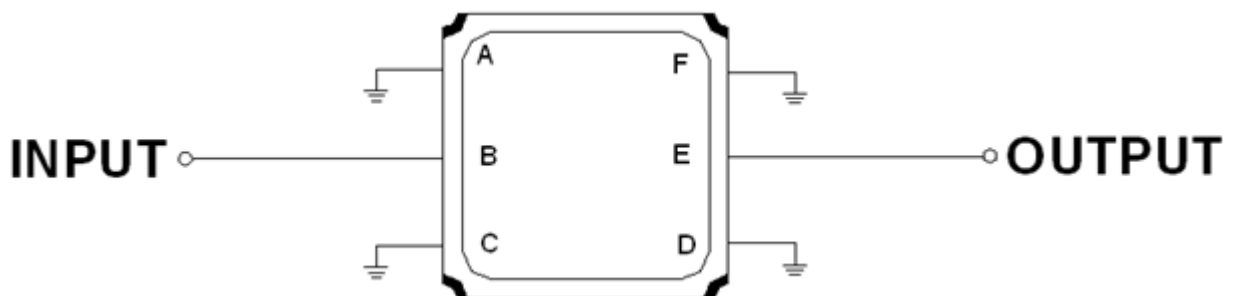
Package Dimensions



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

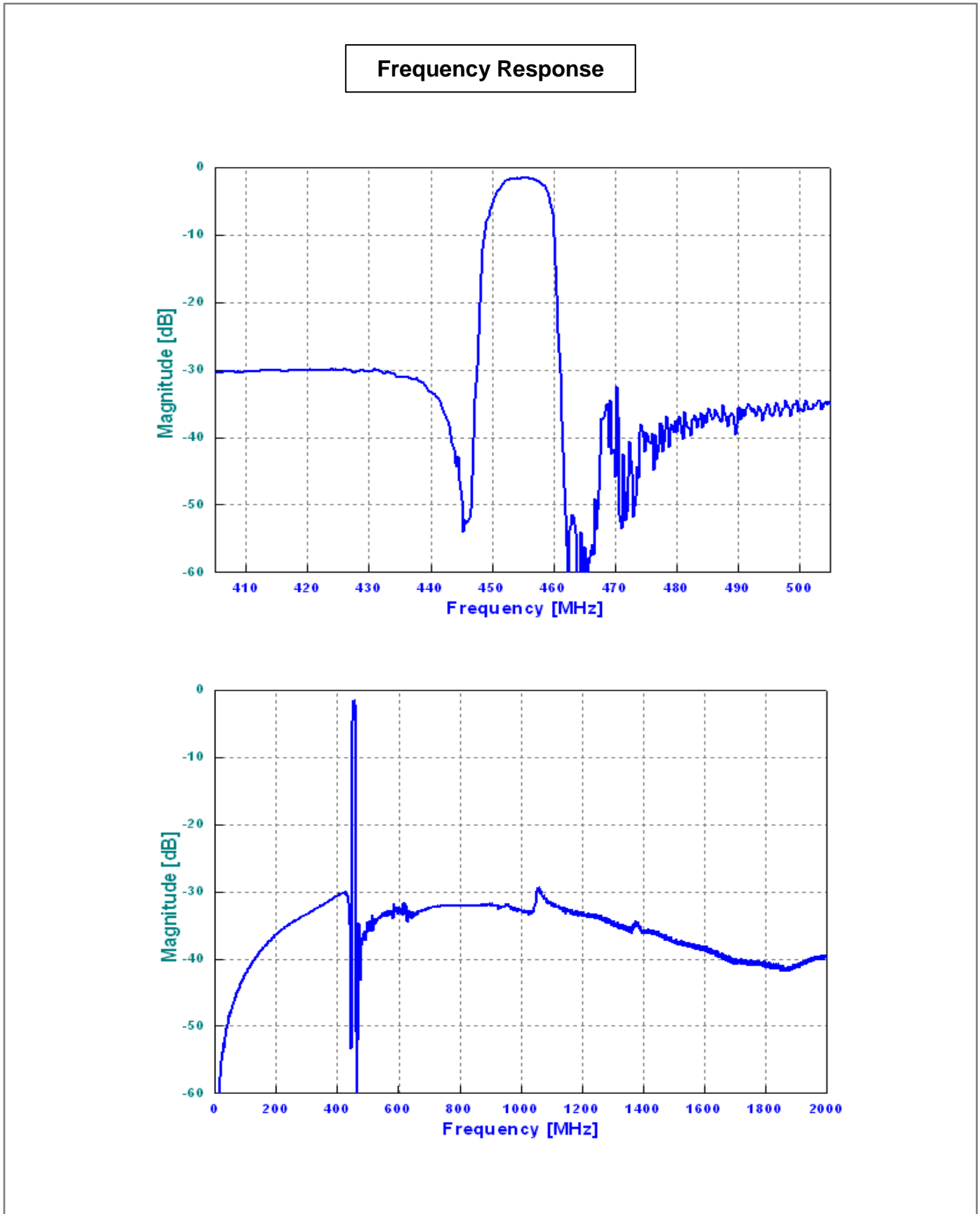
Pin Description	
A, C, D, F	Ground
B	In
E	Out

Testing Environment

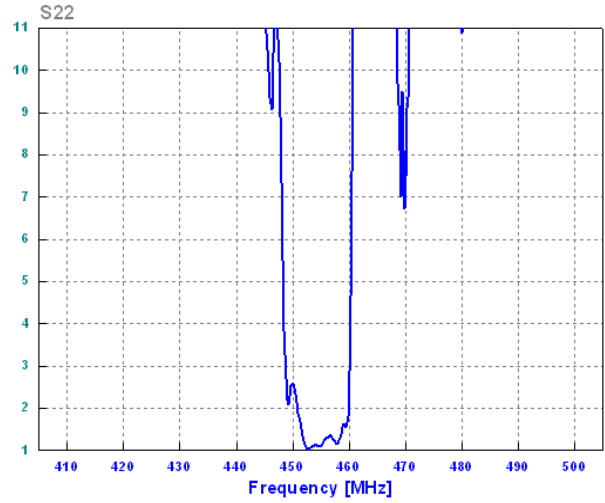
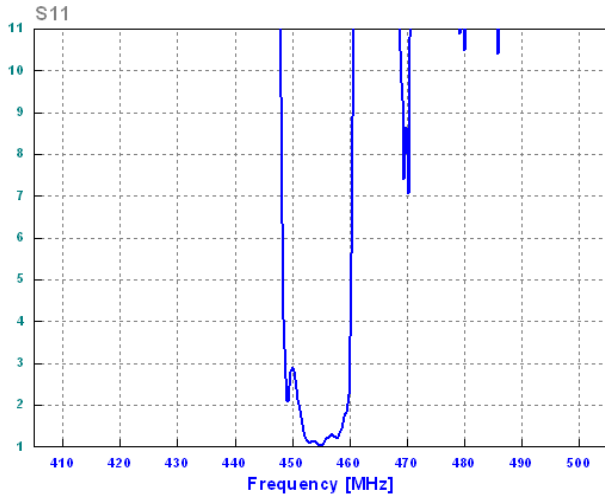


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

