

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

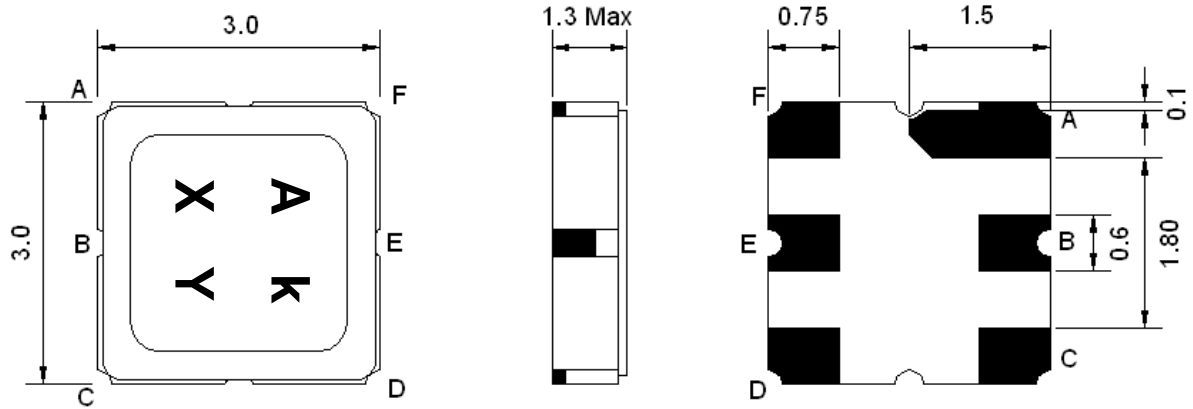
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-45	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	27
Source Impedance (balanced) ⁽¹⁾	Ω	-	100	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M3			
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	-	2.0	2.8
Stop Band Attenuation:				
0.3 ~ 350.0 MHz	dB	45	55	-
350.0 ~ 445.0 MHz	dB	40	50	-
462.5 ~ 467.5 MHz	dB	30	38	-
467.5 ~ 2000.0 MHz	dB	35	50	-
VSWR within 452.5 ~ 457.5 MHz	-	-	2.0	2.5

Notes: (1) No Matching Network.

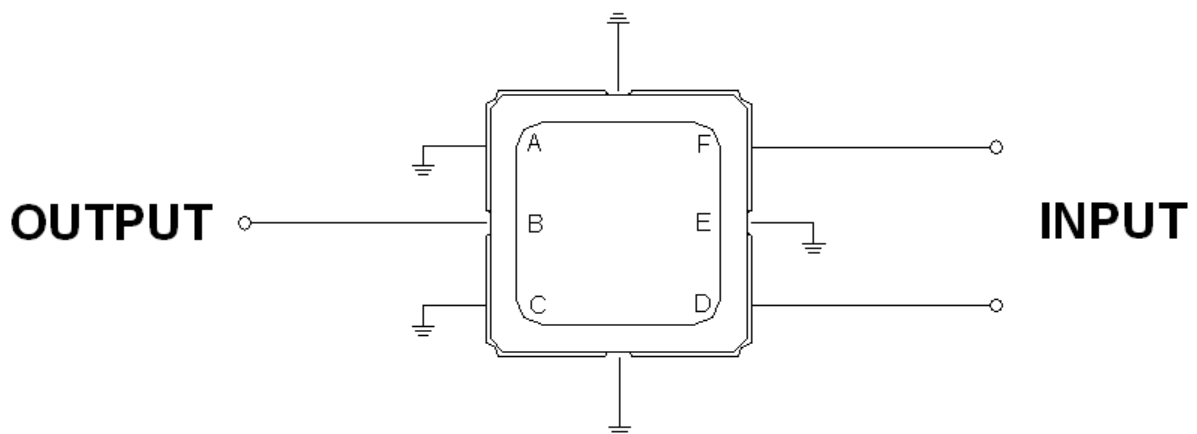
Package Dimensions



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

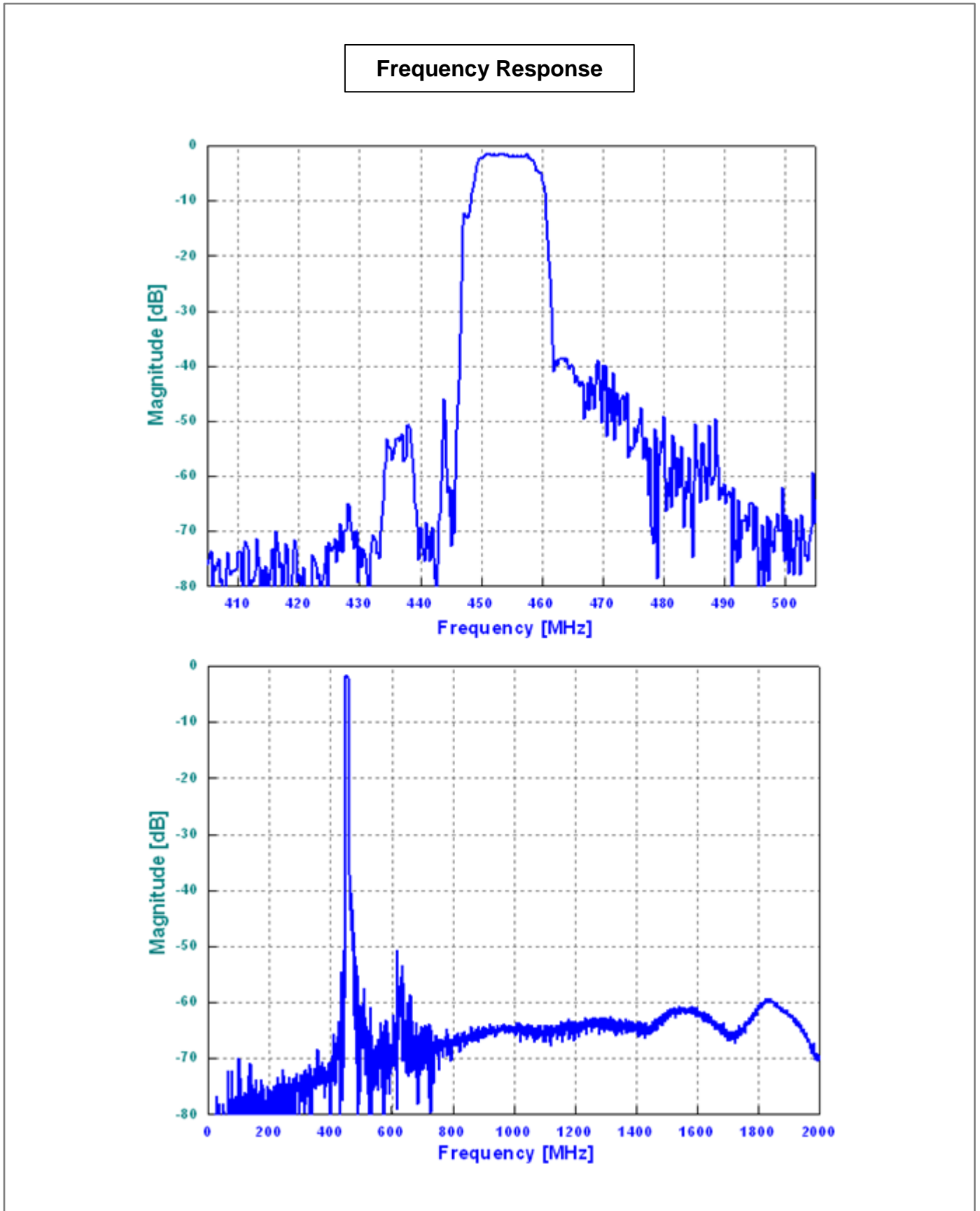
Pin Description	
A, C, E	Ground
D, F	In
B	Out

Testing Environment

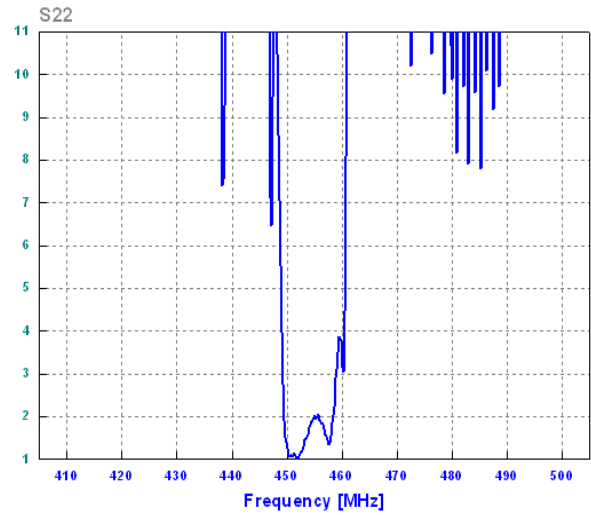
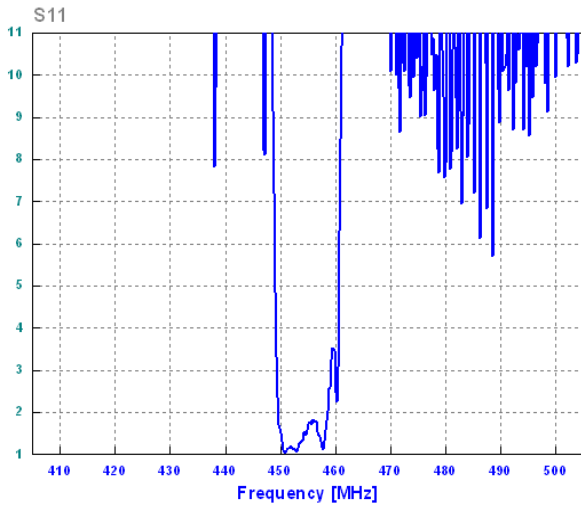


Source Impedance: 100 Ω
Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

