

- CDMA 450 L-Band, RF-Tx SAW Filter
- Revision 0: December 2006

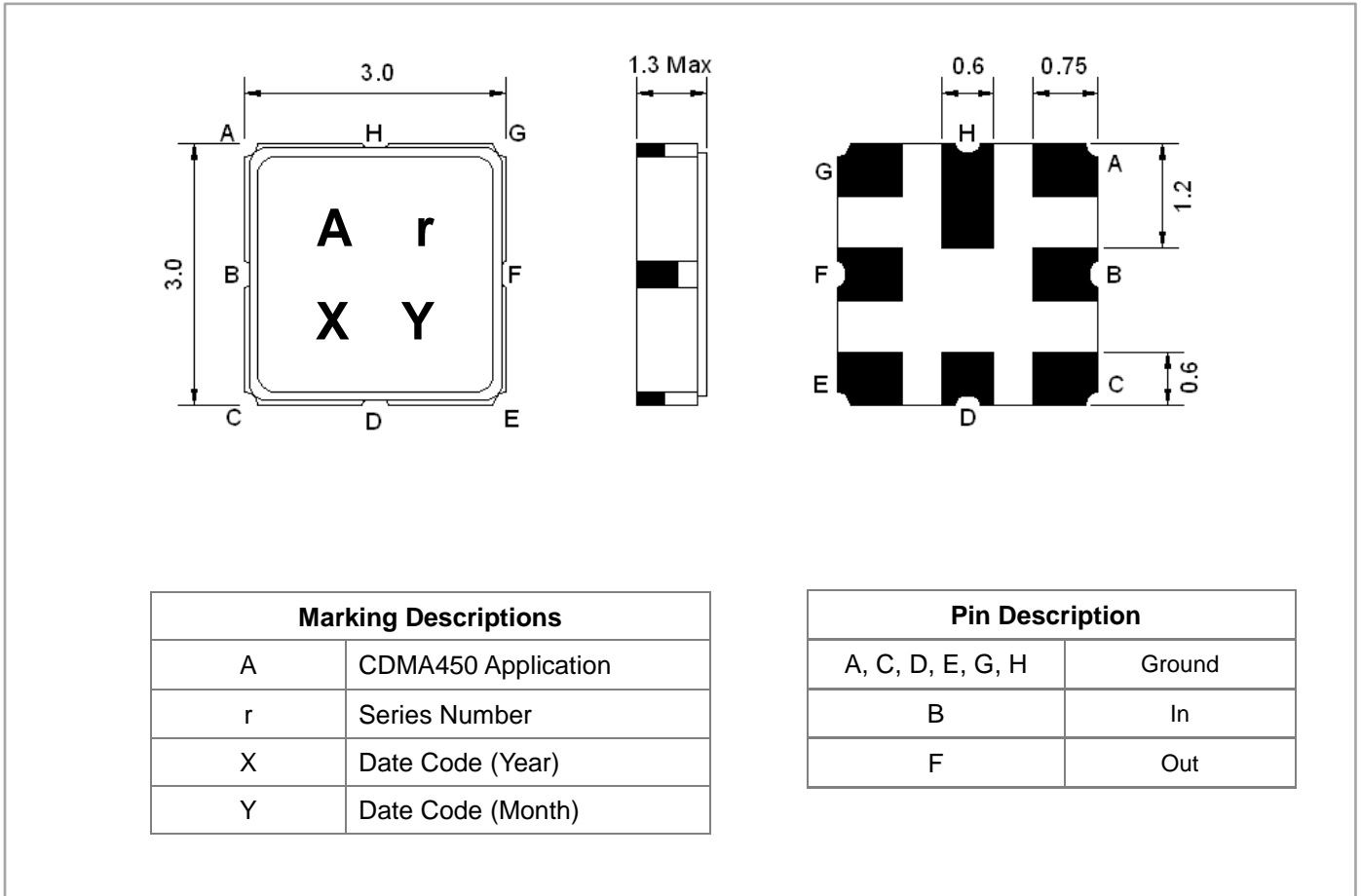
Electrical Characteristics

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	M1			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

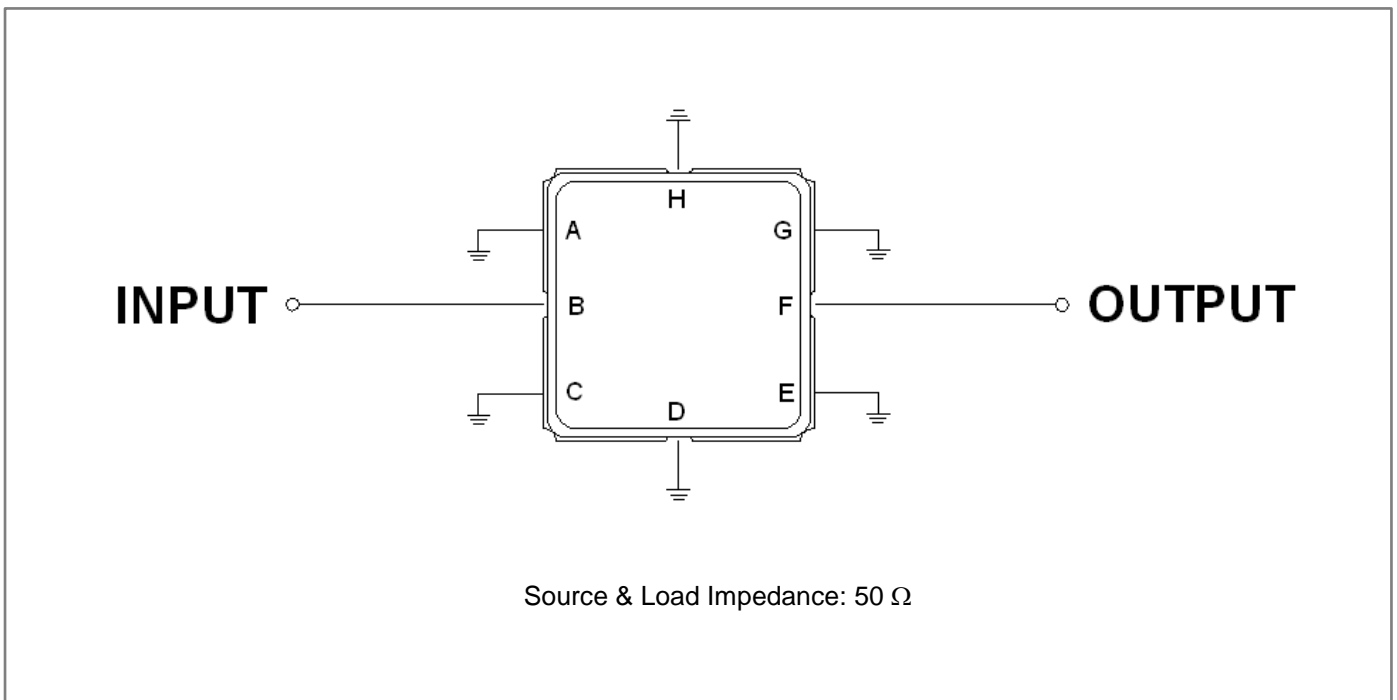
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	412.5	-
Insertion Loss in 410.0 ~415.0 MHz	dB	-	1.6	2.8
Stop Band Attenuation:				
0.3 ~ 400.0 MHz	dB	23	26	-
420.0 ~ 425.0 MHz	dB	30	40	-
425.0 ~ 1700.0 MHz	dB	20	25	-
1700.0 ~ 2000.0 MHz	dB	20	32	-
VSWR in 410.0 ~ 415.0 MHz	-	-	1.8	2.3

Notes : (1) No Matching Network.

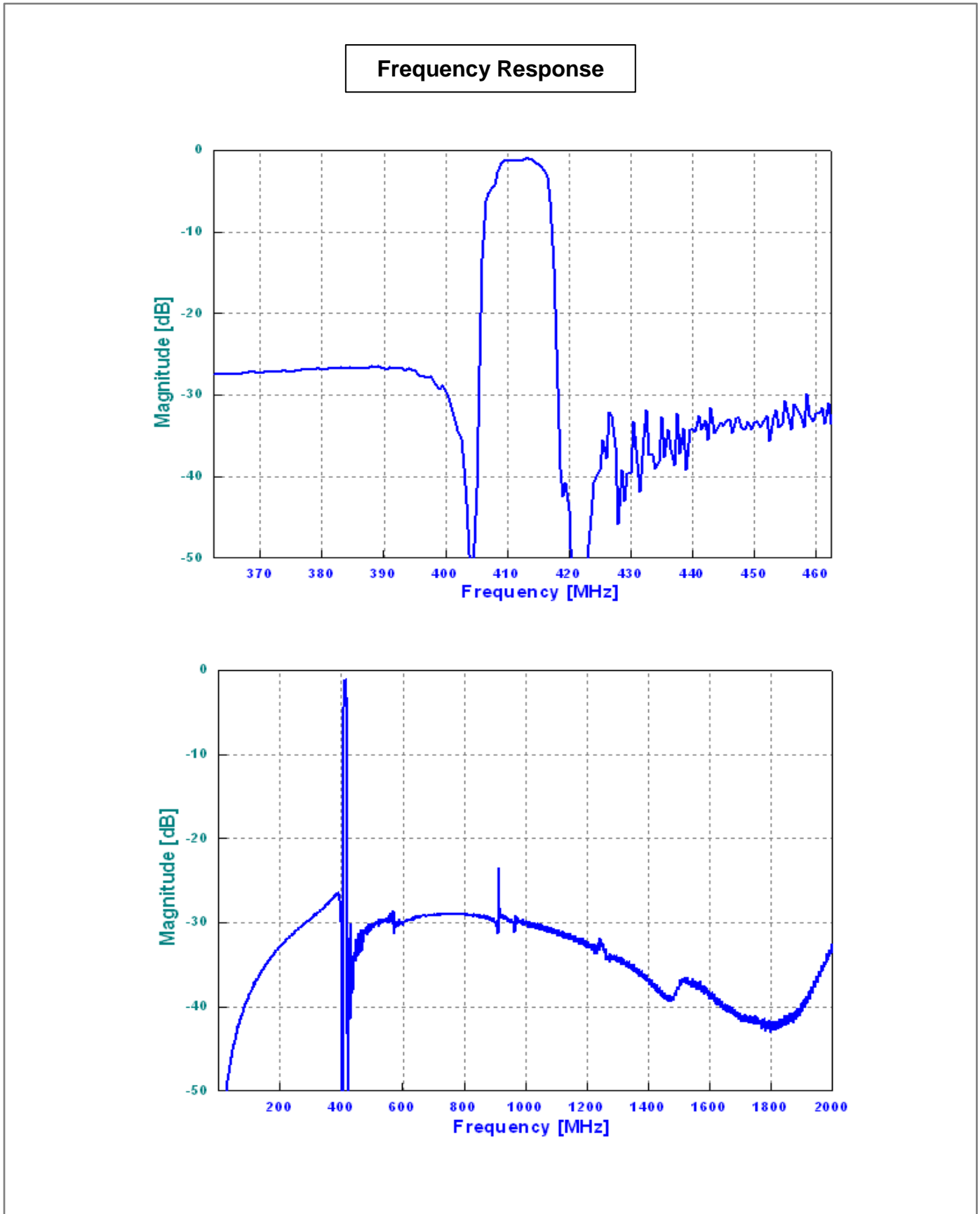
Package Dimensions



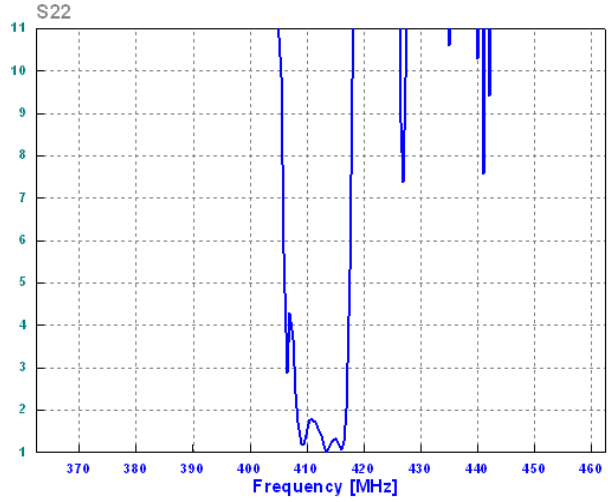
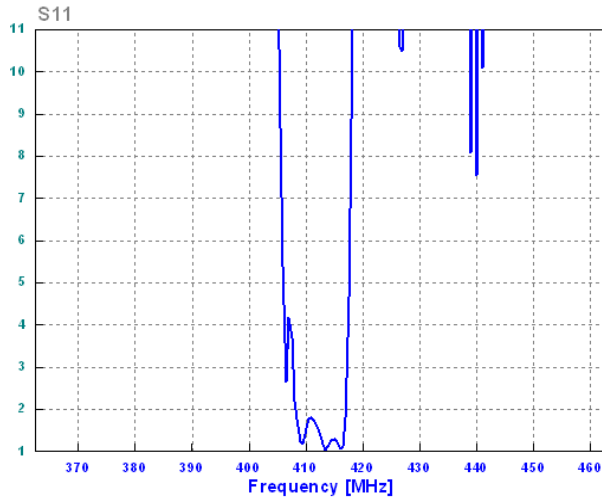
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

