

- CDMA450 C-Band, Balanced RF-Rx SAW Filter
- Revision 0: June 2007

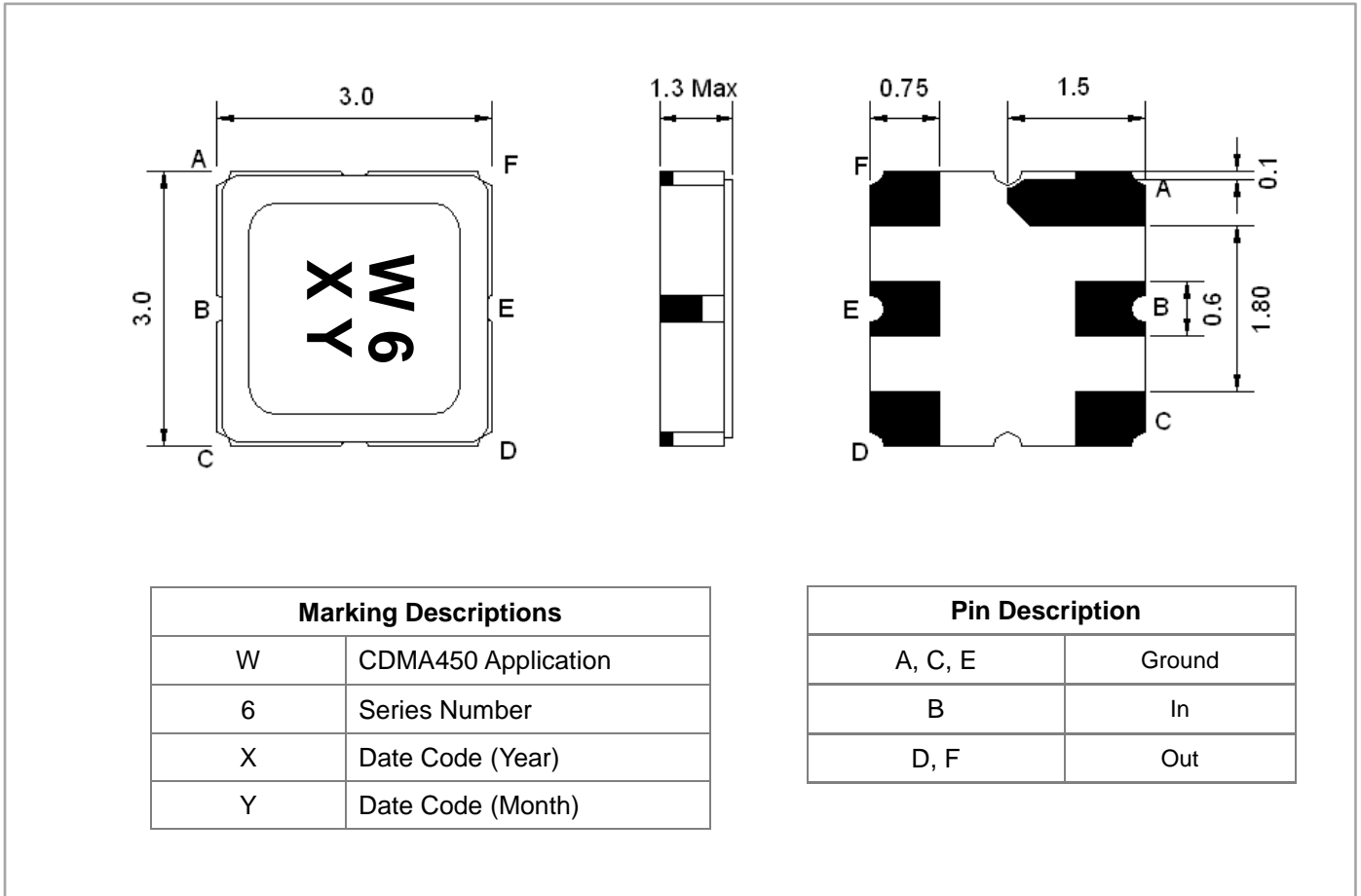
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	25
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (balanced ended) ⁽¹⁾	Ω	-	100	-
Package type & size	M3			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

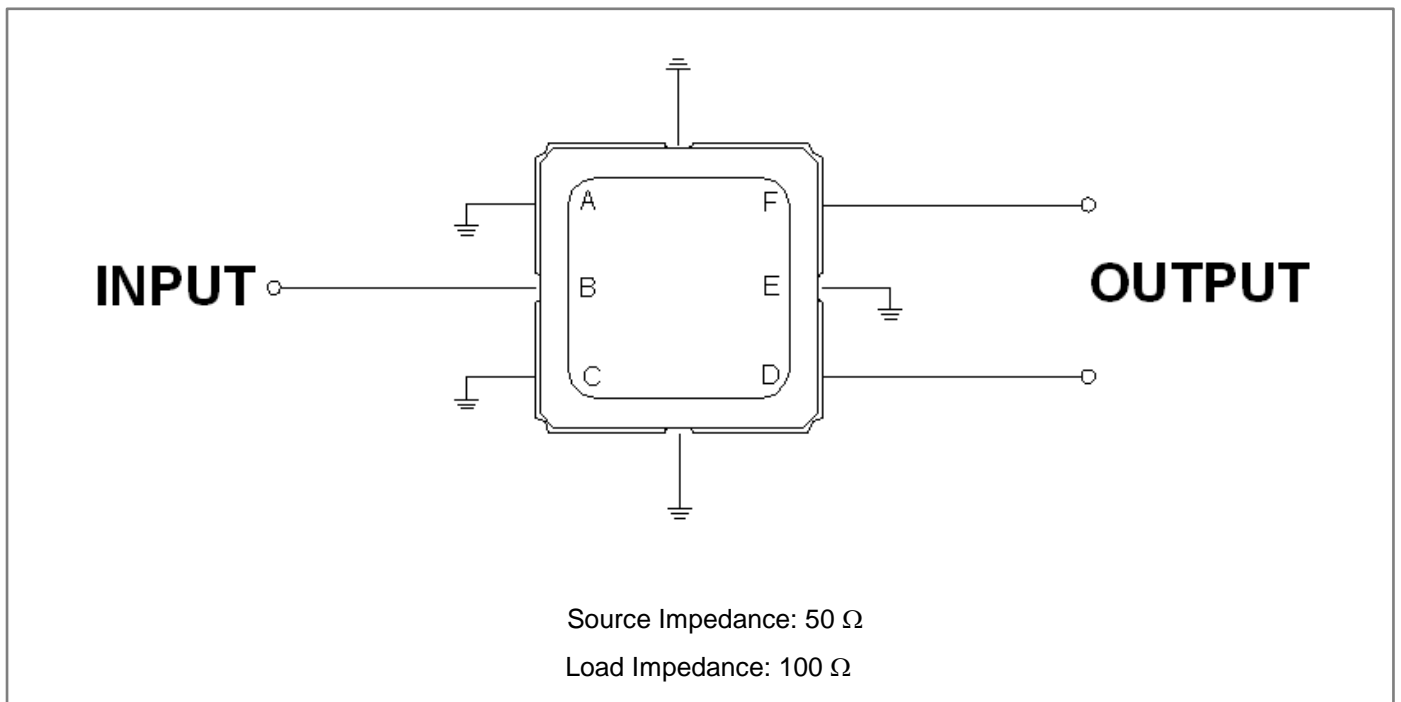
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	462.4	-
Insertion Loss within 460.0 ~464.8 MHz	dB	-	2.2	4.0
Stop Band Attenuation:				
D.C ~ 440.0 MHz	dB	45	55	-
450.0 ~ 454.8 MHz	dB	30	43	-
478.0 ~ 505.0 MHz	dB	30	35	-
505.0 ~ 1000.0 MHz	dB	40	50	-
1000.0 ~ 1200.0 MHz	dB	48	55	-
1200.0 ~ 1700.0 MHz	dB	48	55	-
1700.0 ~ 2000.0 MHz	dB	45	50	-
VSWR within 460.0 ~ 464.8 MHz	-	-	2.2	2.5

Notes: (1) No Matching Network.

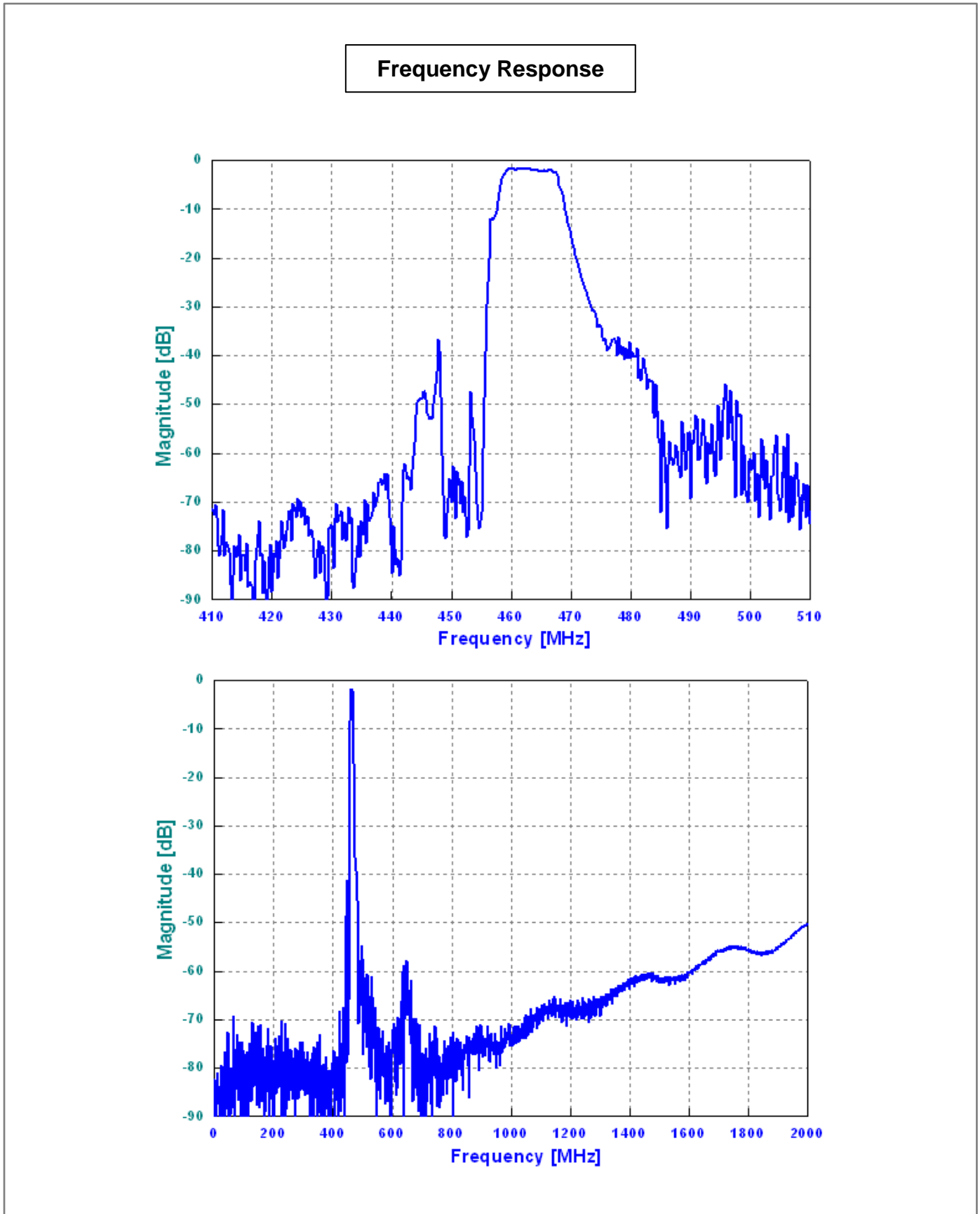
Package Dimensions



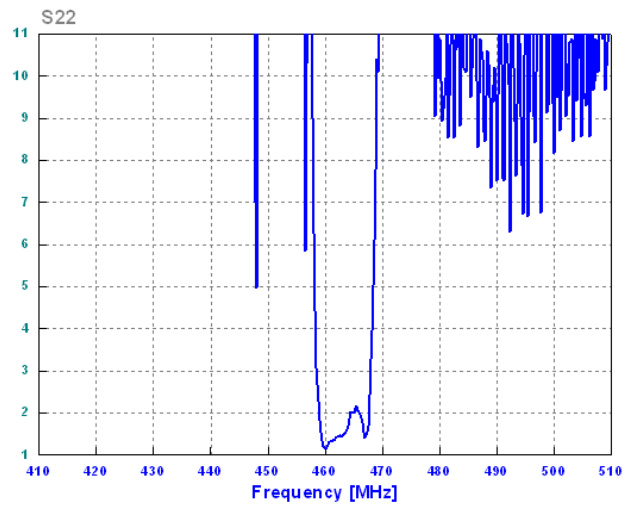
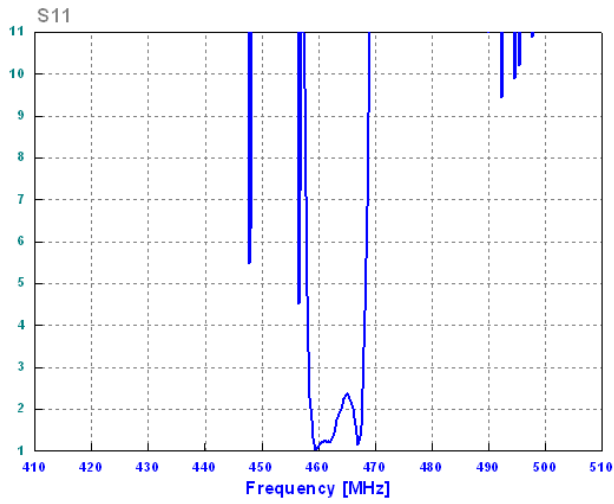
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

