

- CDMA 450 L-Band, RF-Tx SAW Filter
- Revision 0: September 2009

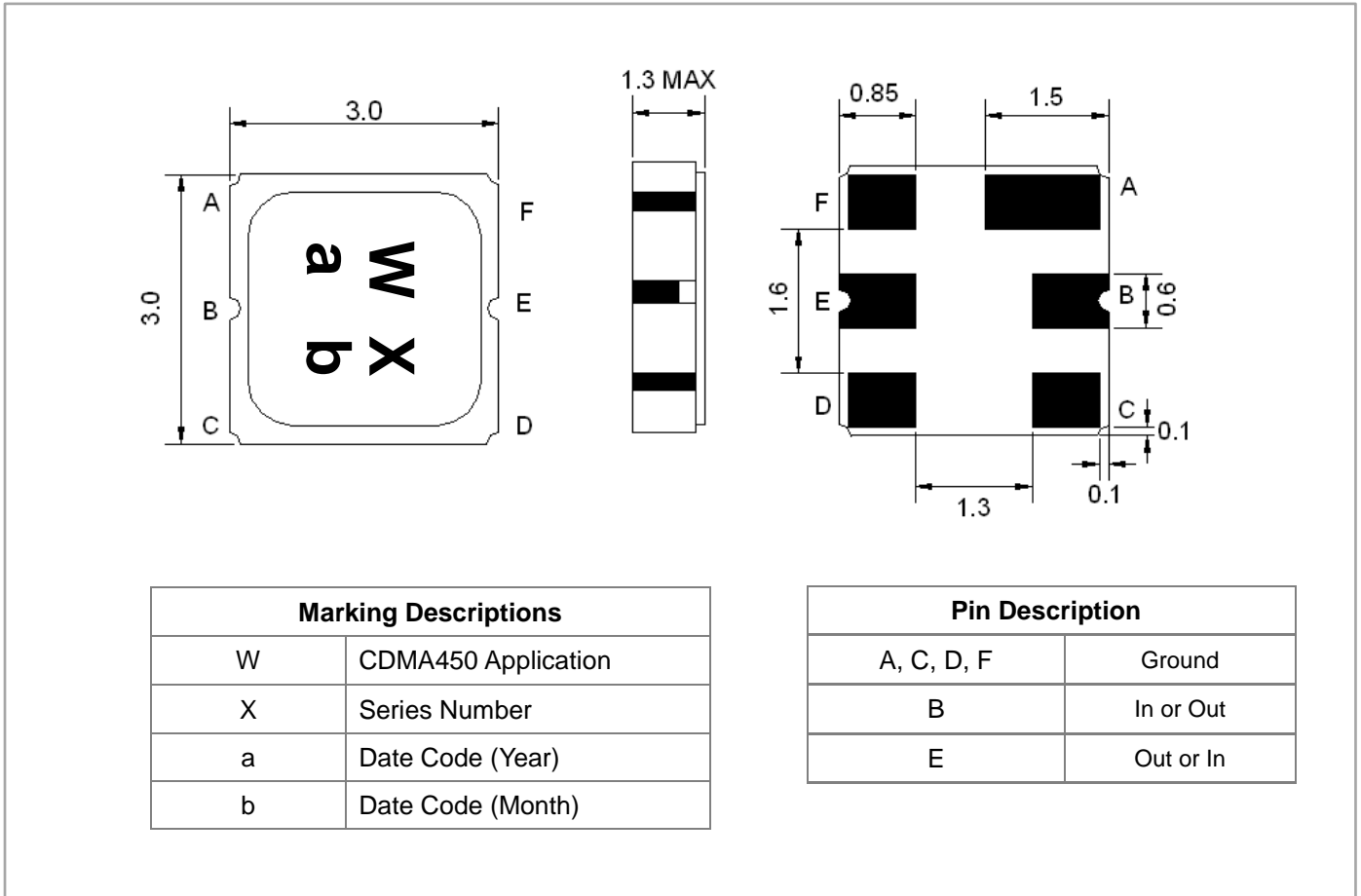
Electrical Characteristics

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	-	-	30
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

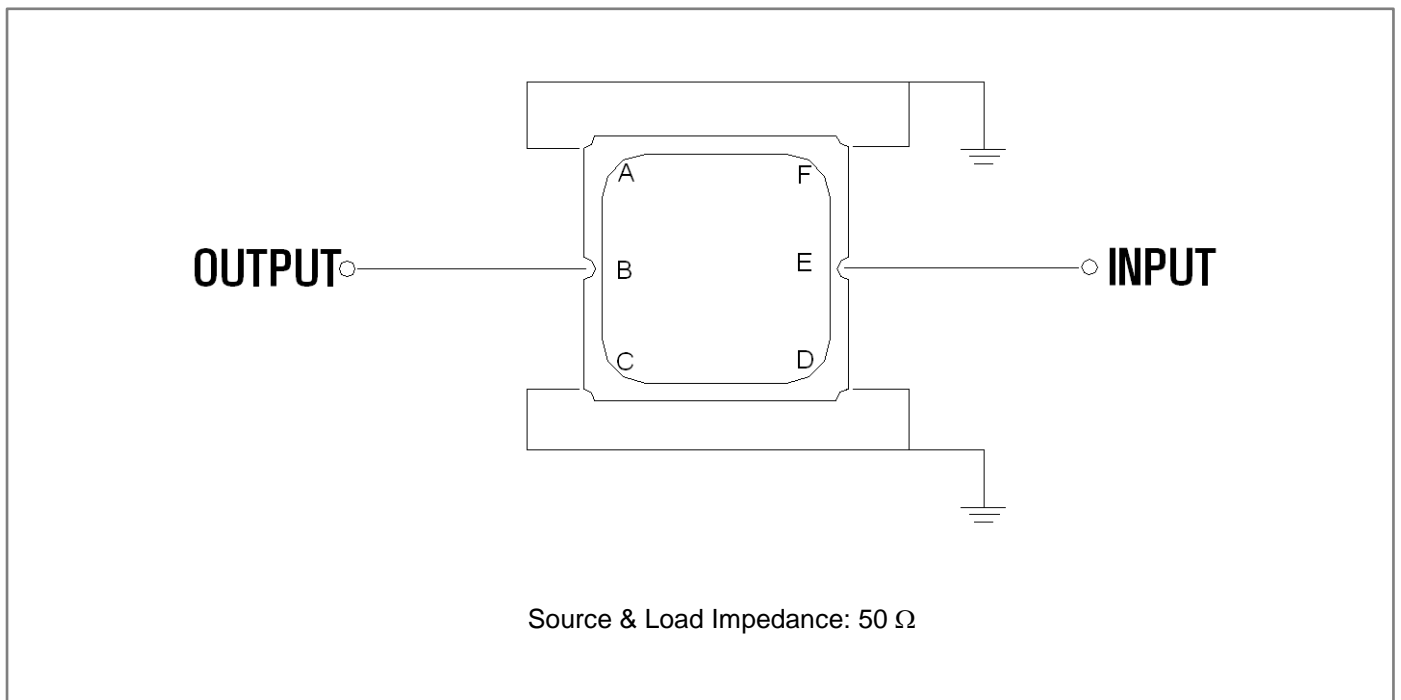
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	411.5	-
Insertion Loss in 409.0 ~ 414.0 MHz	dB	-	2.5	2.8
Stop Band Attenuation:				
0.3 ~ 400.0 MHz	dB	23	26	-
419.0 ~ 424.0 MHz	dB	30	48	-
423.5 ~ 1700.0 MHz	dB	20	27	-
1700.0 ~ 2000.0 MHz	dB	15	22	-
VSWR in 409.0 ~ 414.0 MHz	-	-	1.3	2.0

Notes: (1) No Matching Network.

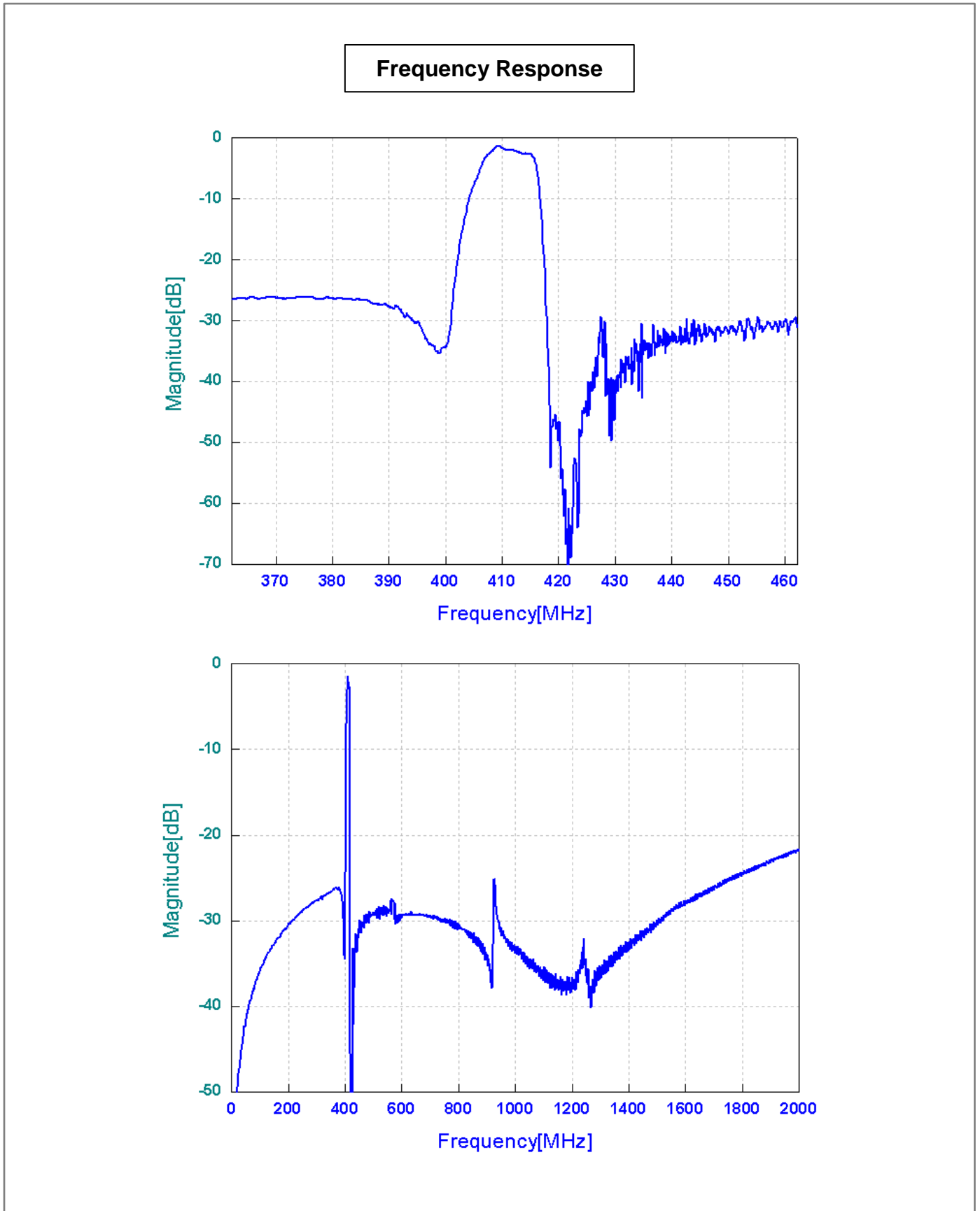
Package Dimensions



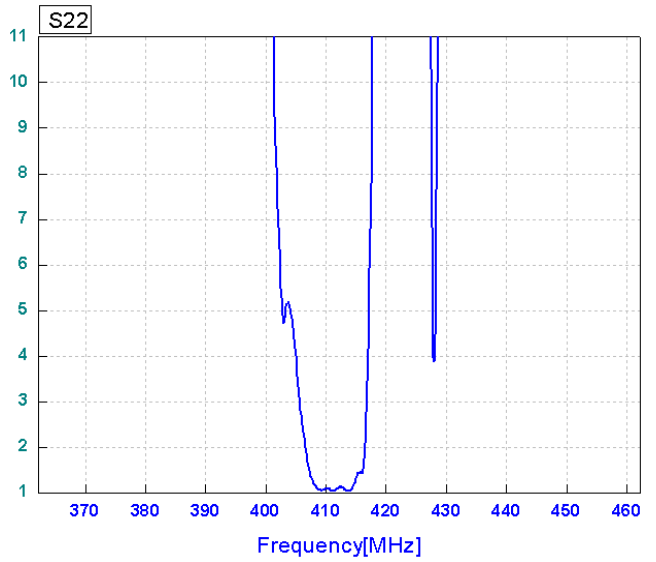
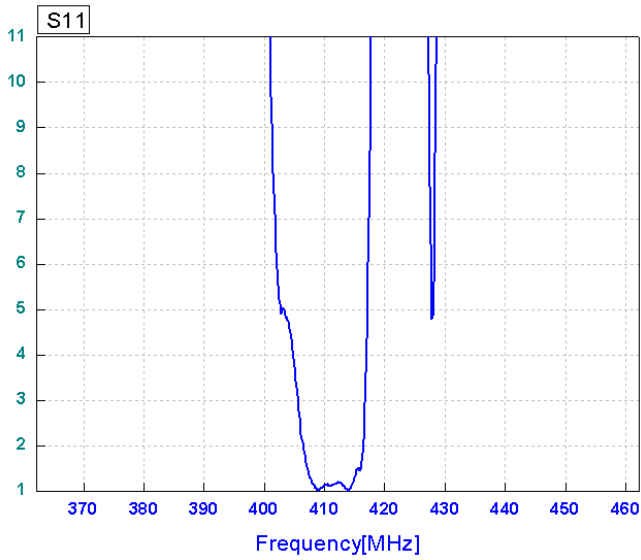
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

