

- CDMA 450 A-Band, RF-Tx SAW Filter
- Revision 0: April 2007

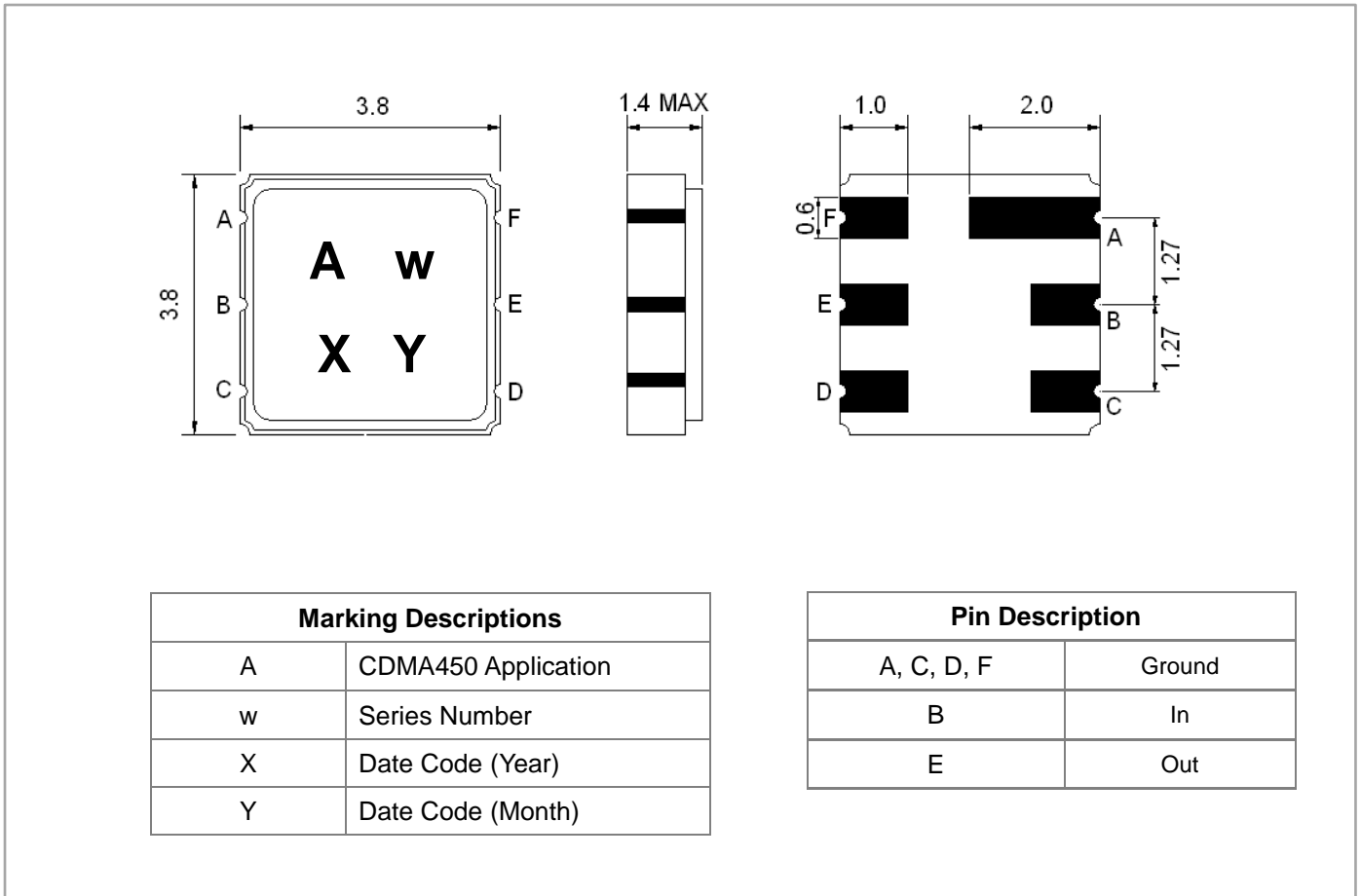
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
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	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

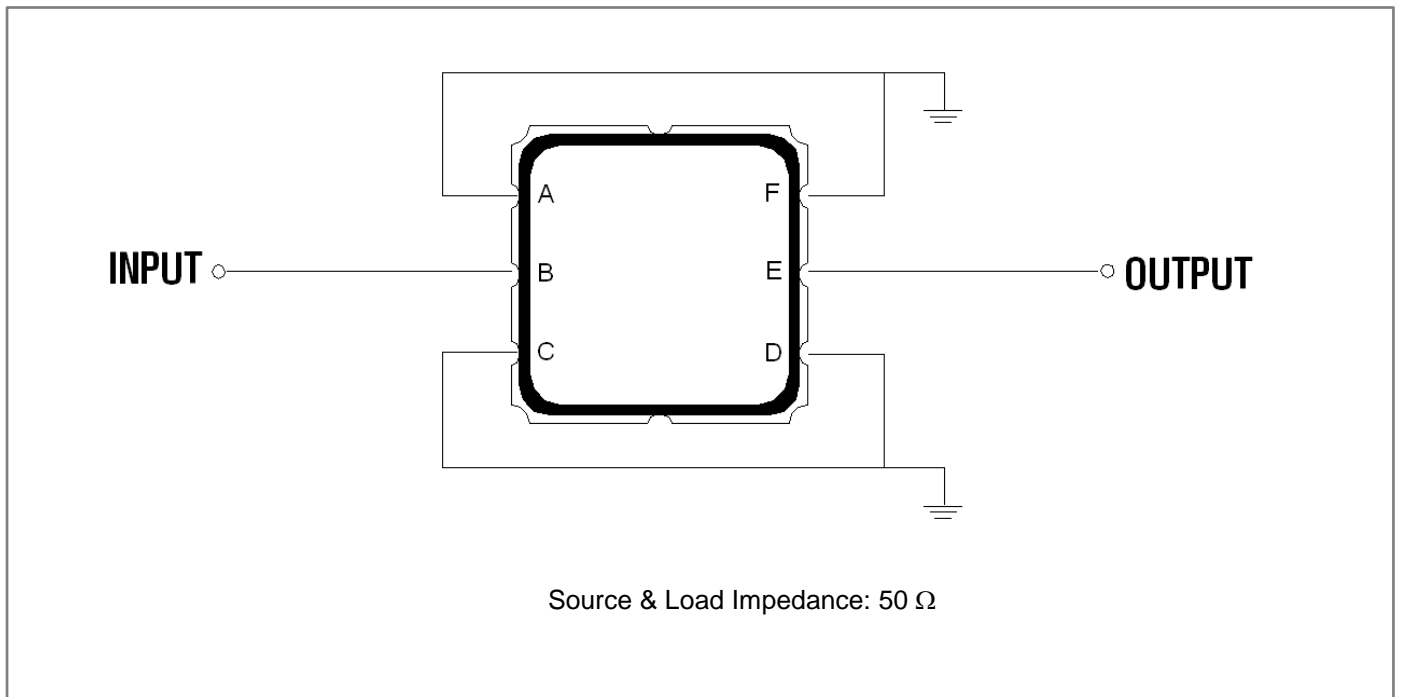
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	455.0	-
Insertion Loss within 452.5 ~ 457.5 MHz	dB	-	1.8	2.8
Absolute Attenuation:				
0.3 ~ 350.0 MHz	dB	30	33	-
350.0 ~ 445.0 MHz	dB	25	30	-
462.5 ~ 467.5 MHz	dB	30	45	-
462.5 ~ 463.1 MHz	dB	40	45	-
467.5 ~ 2000.0 MHz	dB	25	30	-
VSWR within 452.5 ~ 457.5 MHz	-	-	1.2	2.0

Notes : (1) No Matching Network

Package Dimensions

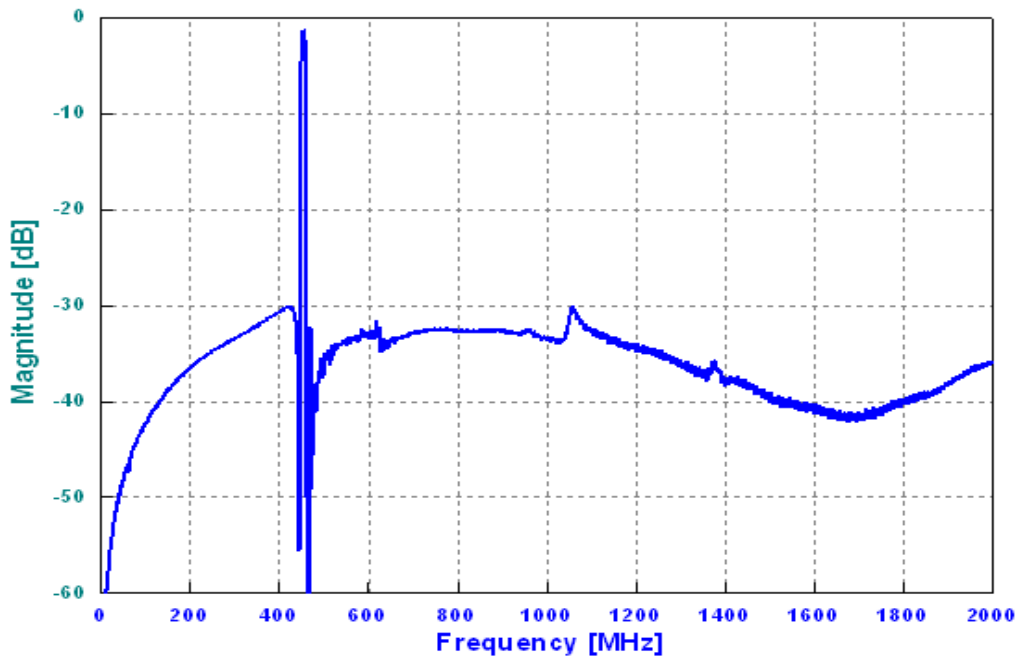
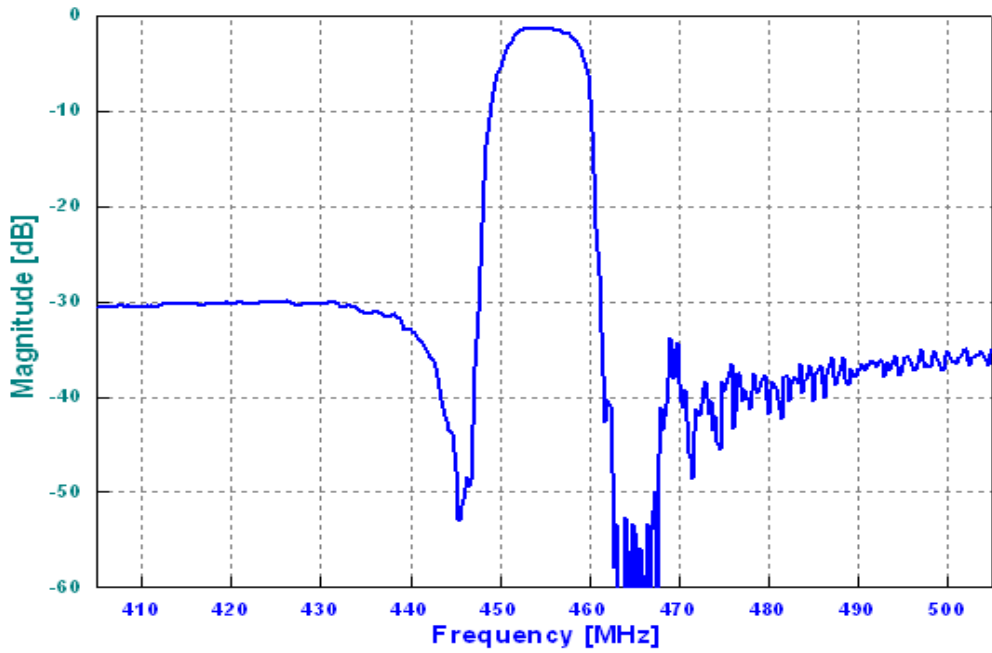


Testing Environment

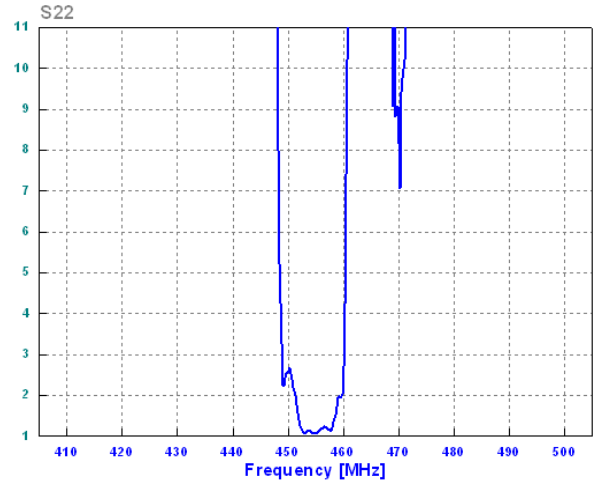
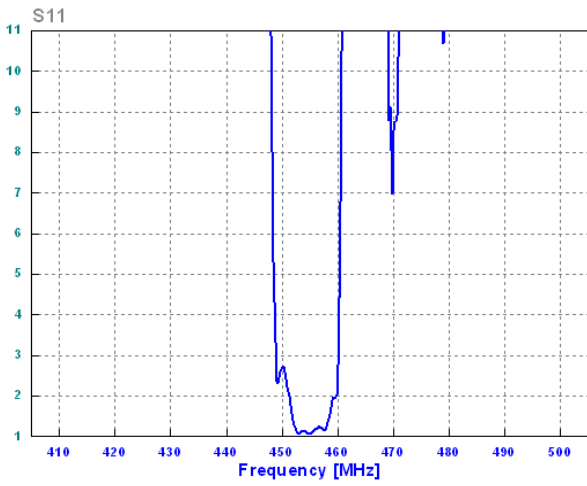


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

