

- CDMA 450 C-Band, RF-Rx SAW Filter
- Revision 0: September 2007

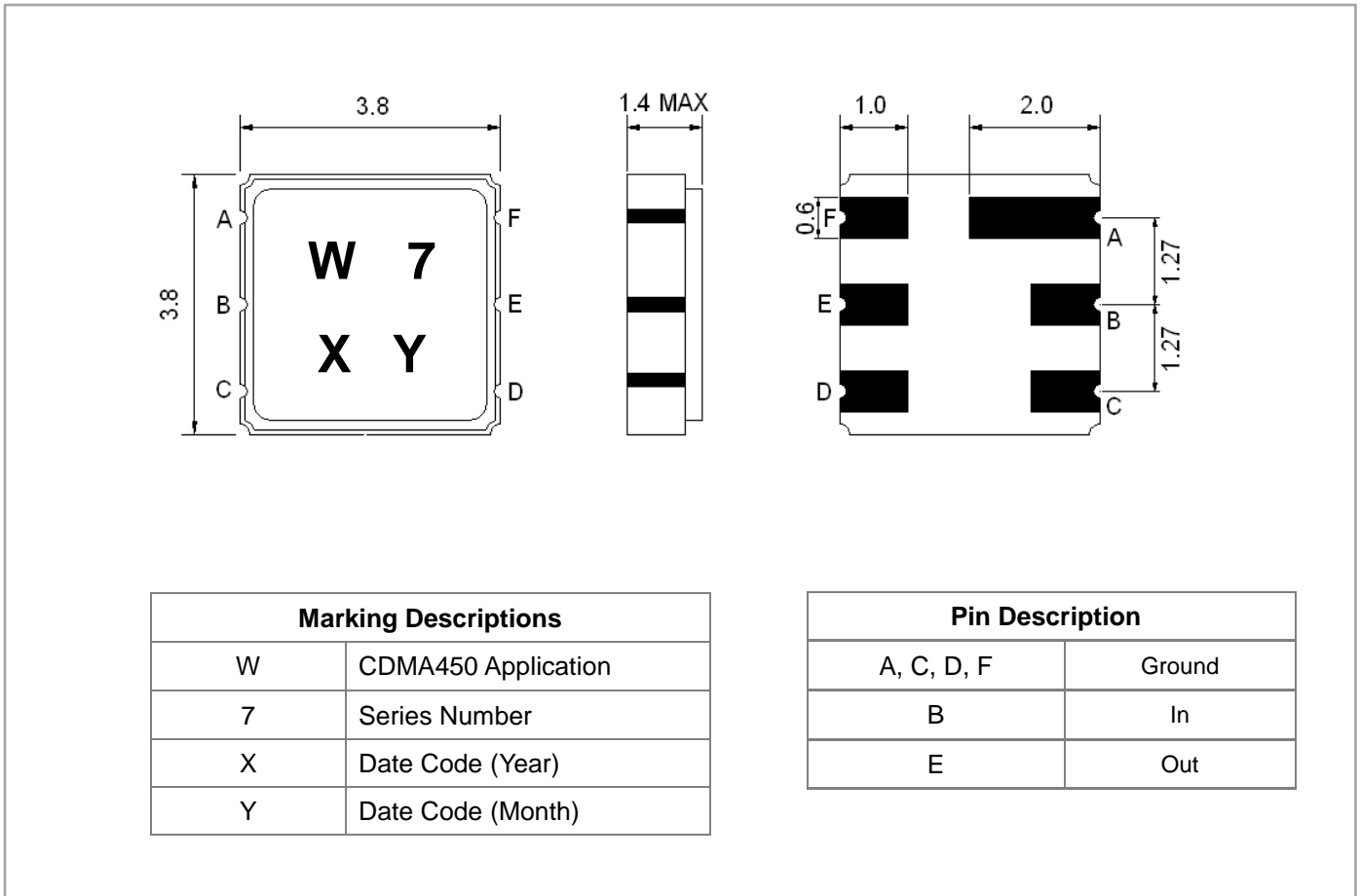
Electrical Characteristics

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	-	-	27
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

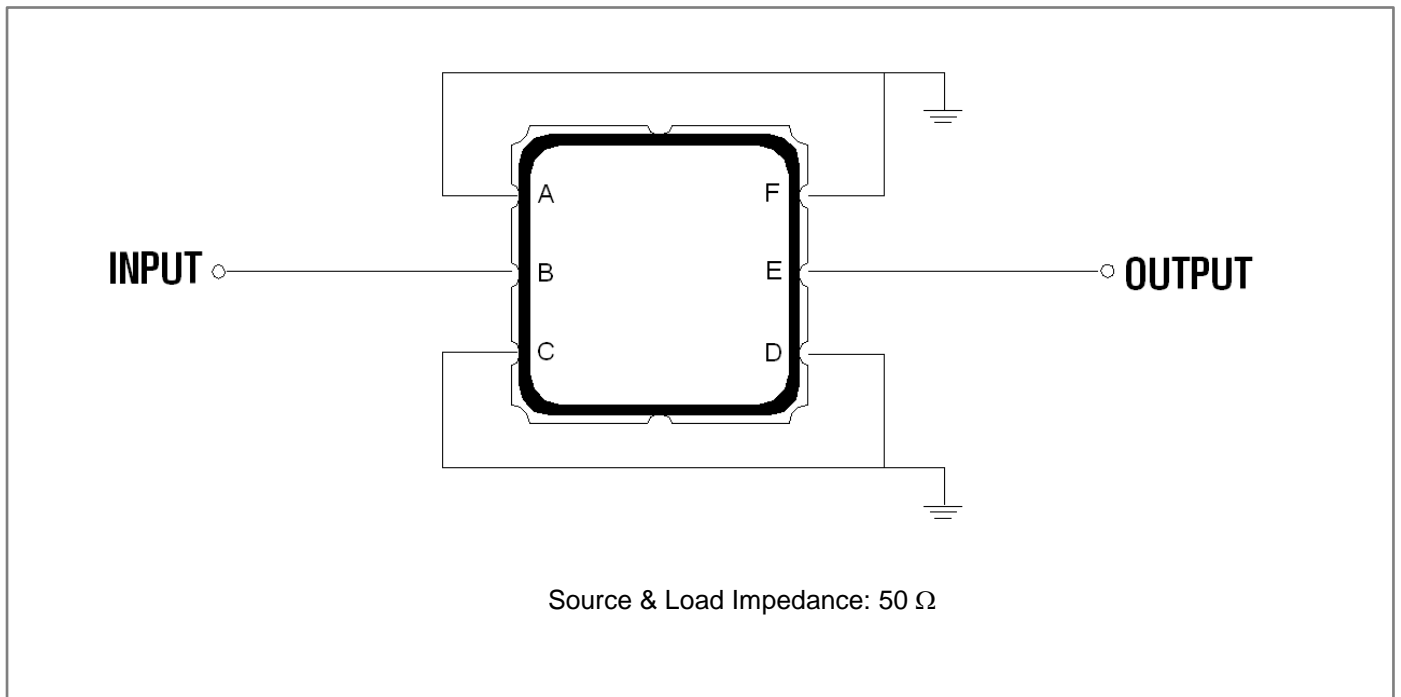
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	462.5	-
Insertion Loss within 460.0 ~ 465.0 MHz	dB	-	2.5	3.8
Absolute Attenuation:				
D.C. ~ 450.0 MHz	dB	40	45	-
450.0 ~ 455.0 MHz	dB	35	50	-
482.5 ~ 1200.0 MHz	dB	35	43	-
1200.0 ~ 1700.0 MHz	dB	30	35	-
1700.0 ~ 2000.0 MHz	dB	20	30	-
VSWR within 460.0 ~ 465.0 MHz	-	-	1.8	2.3

Notes : (1) No Matching Network

Package Dimensions

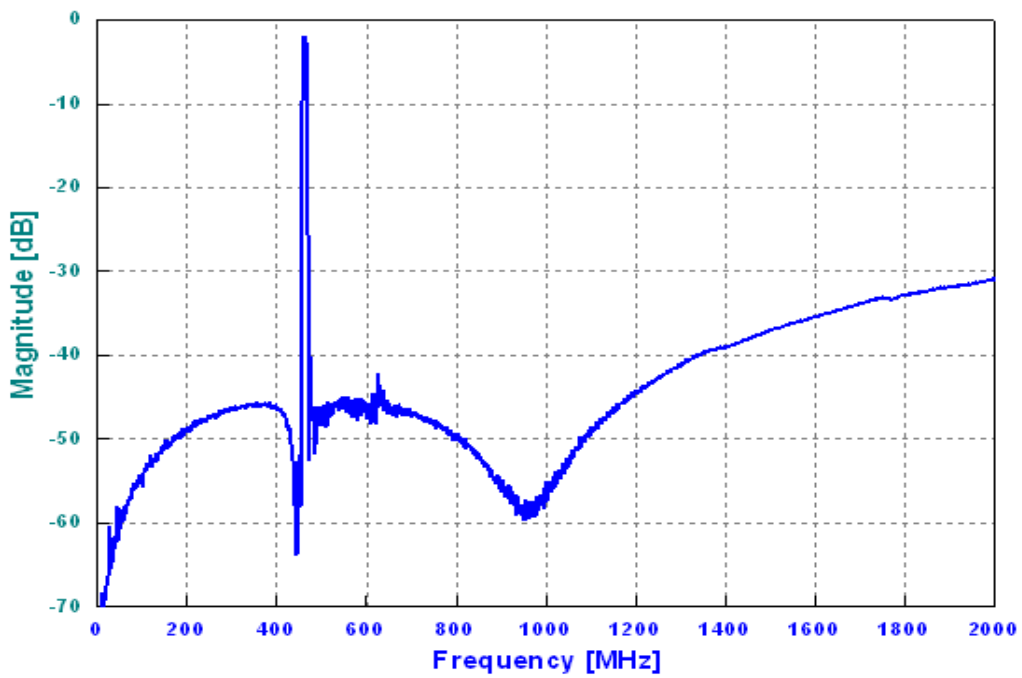
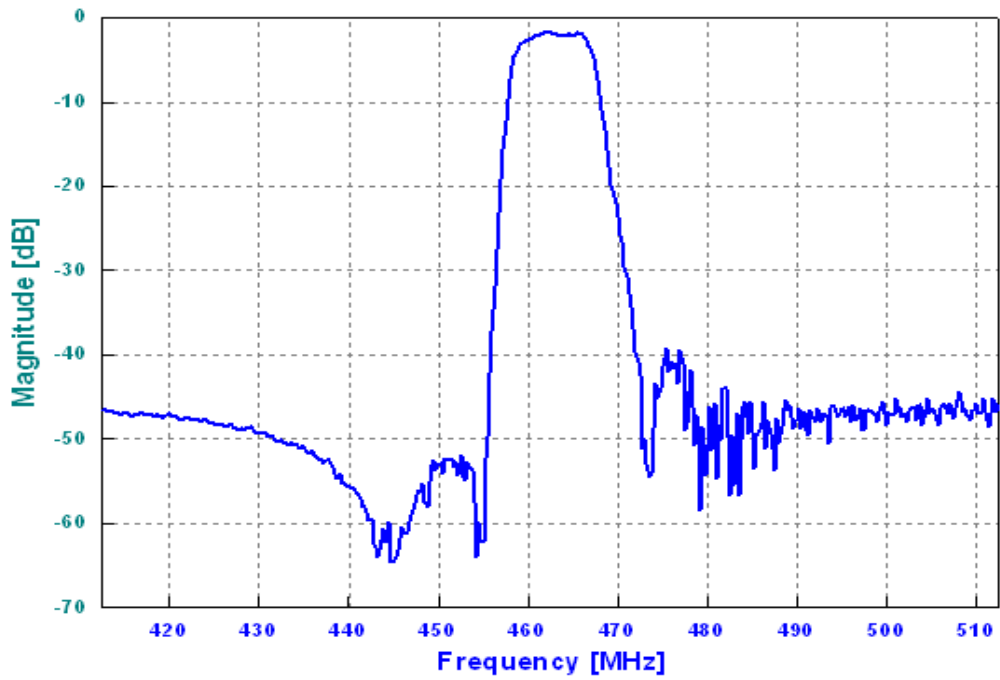


Testing Environment

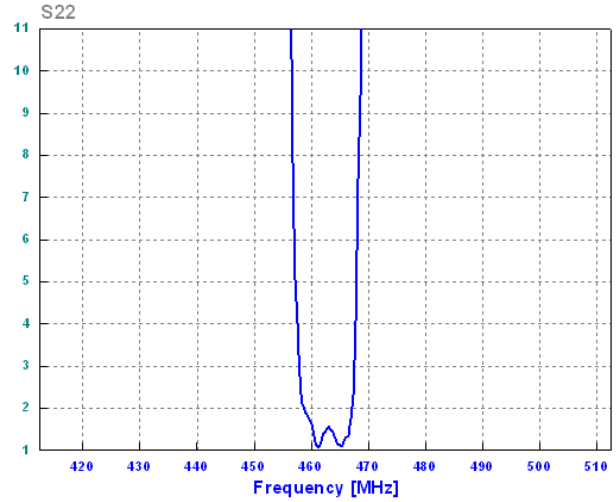
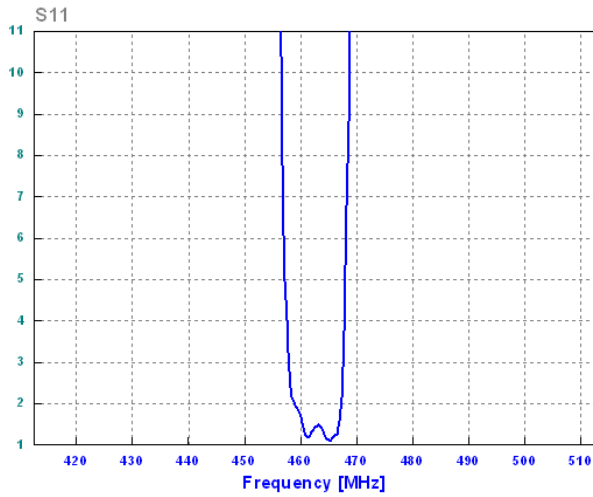


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

