

- CDMA 450 C-Band, RF-Tx SAW Filter
- Revision 0: April 2005

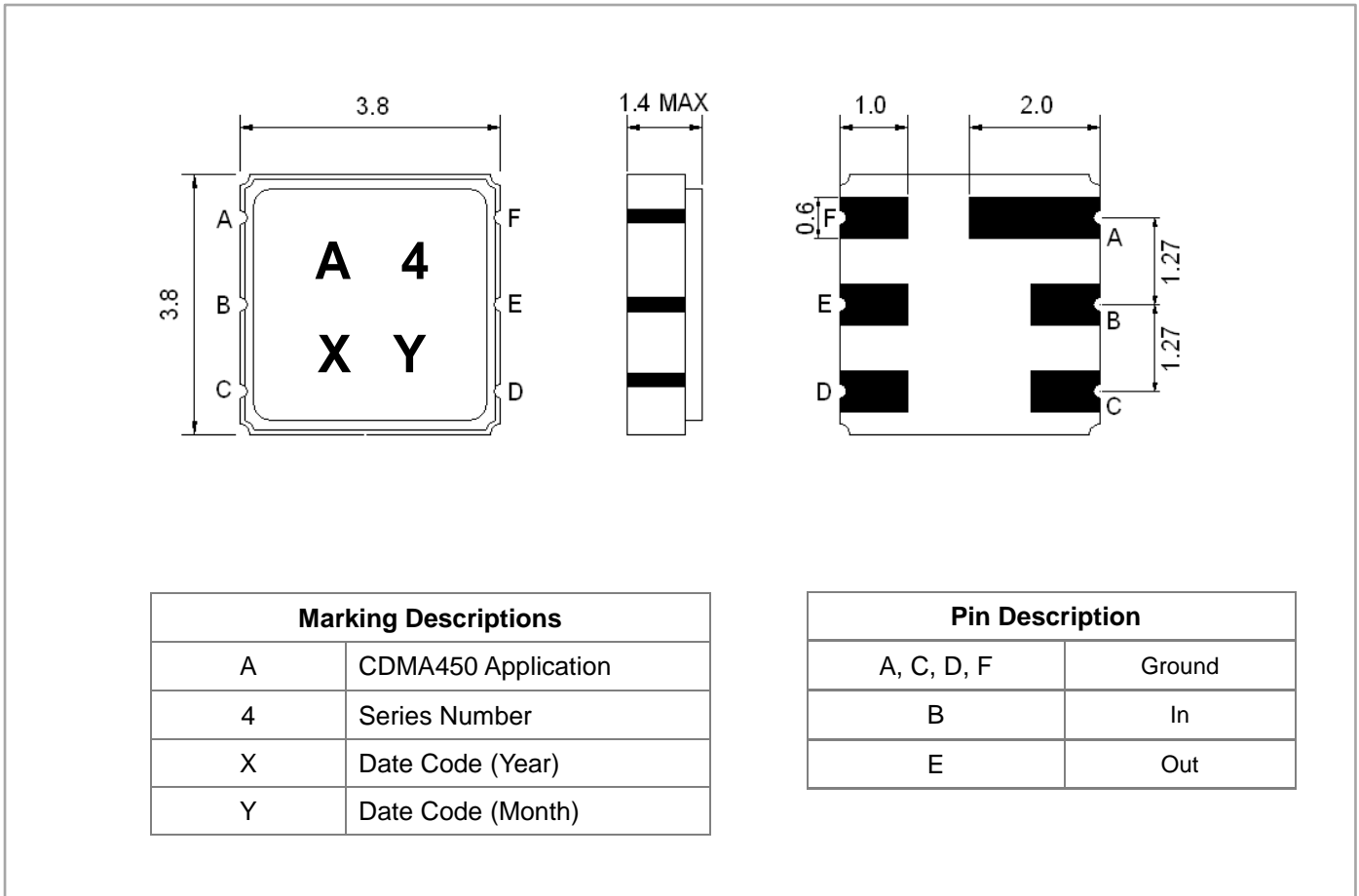
Electrical Characteristics

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	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

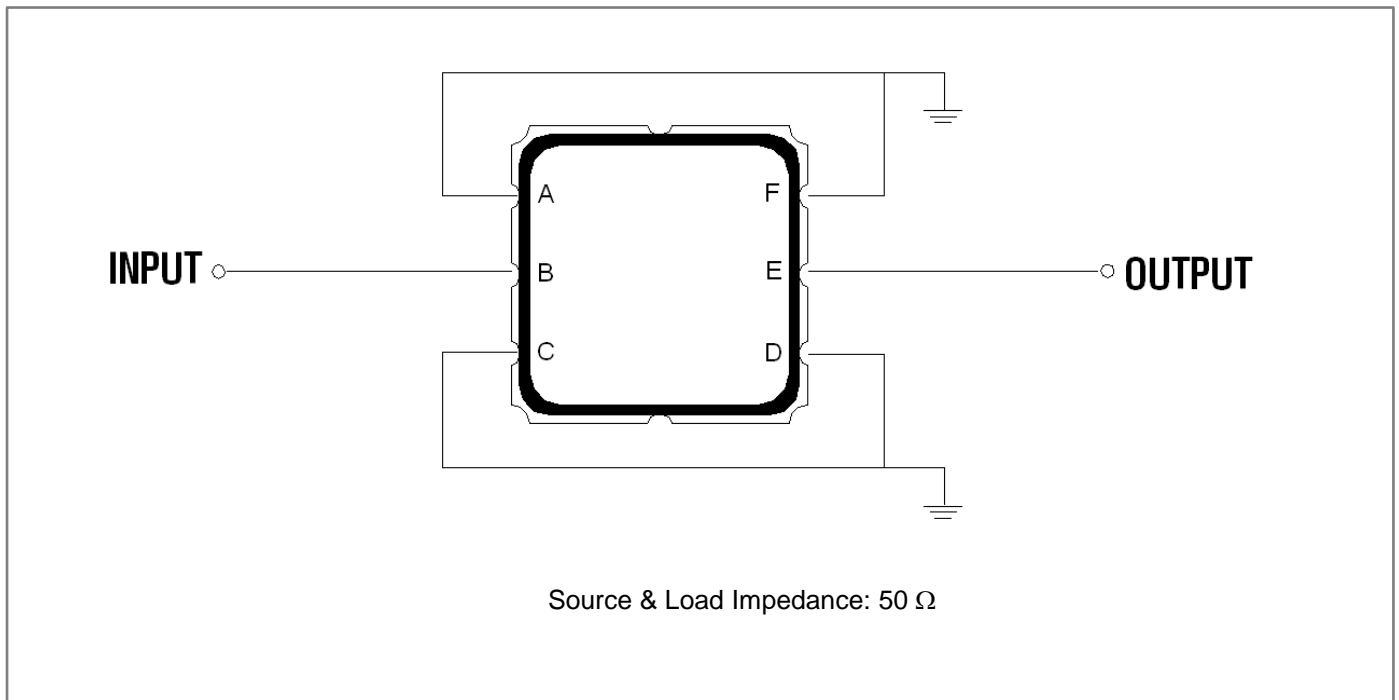
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	452.5	-
Insertion Loss in 450.0 ~ 454.8 MHz	dB	-	1.8	2.8
Attenuation:				
0.3 ~ 440.0 MHz				
460.0 ~ 464.8 MHz	dB	30	49	-
465.0 ~ 1700.0 MHz	dB	25	28	-
1700.0 ~ 2000.0 MHz	dB	20	23	-
VSWR in 450.0 ~ 454.8 MHz	-	-	1.4	2.0

Notes : (1) No Matching Network

Package Dimensions

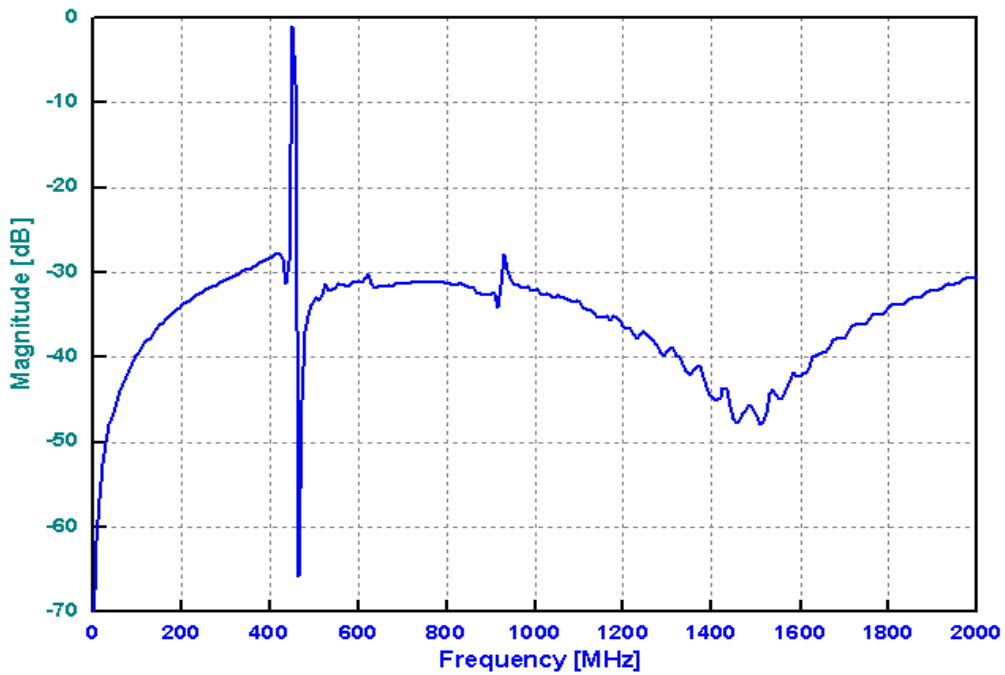
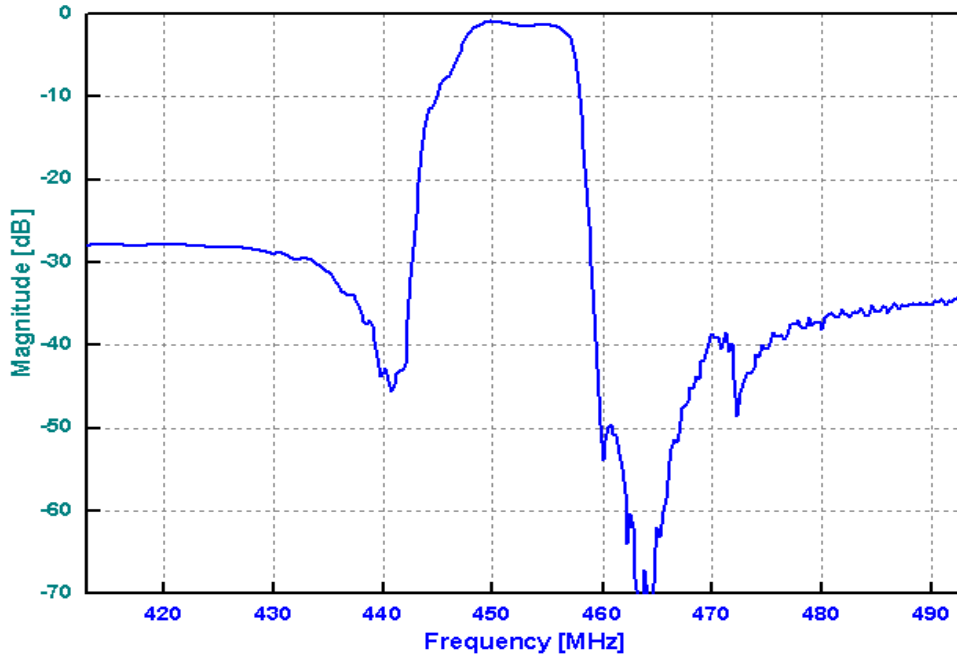


Testing Environment

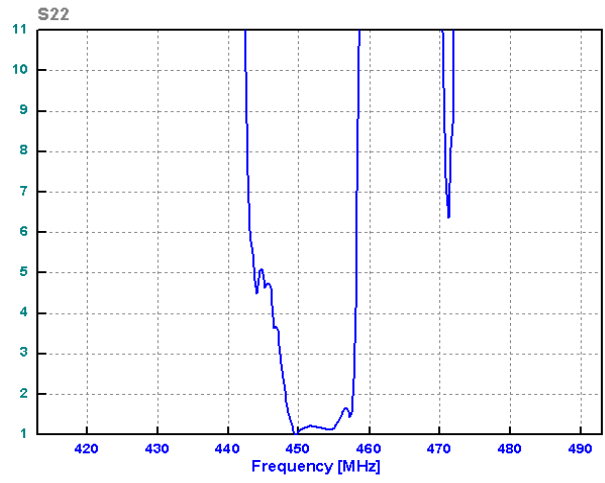
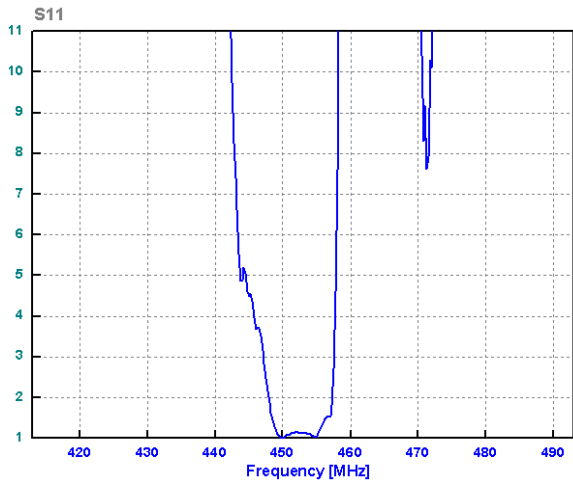


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

