

- CDMA 450 F-Band, RF-Rx SAW Filter
- Revision 0: June 2008

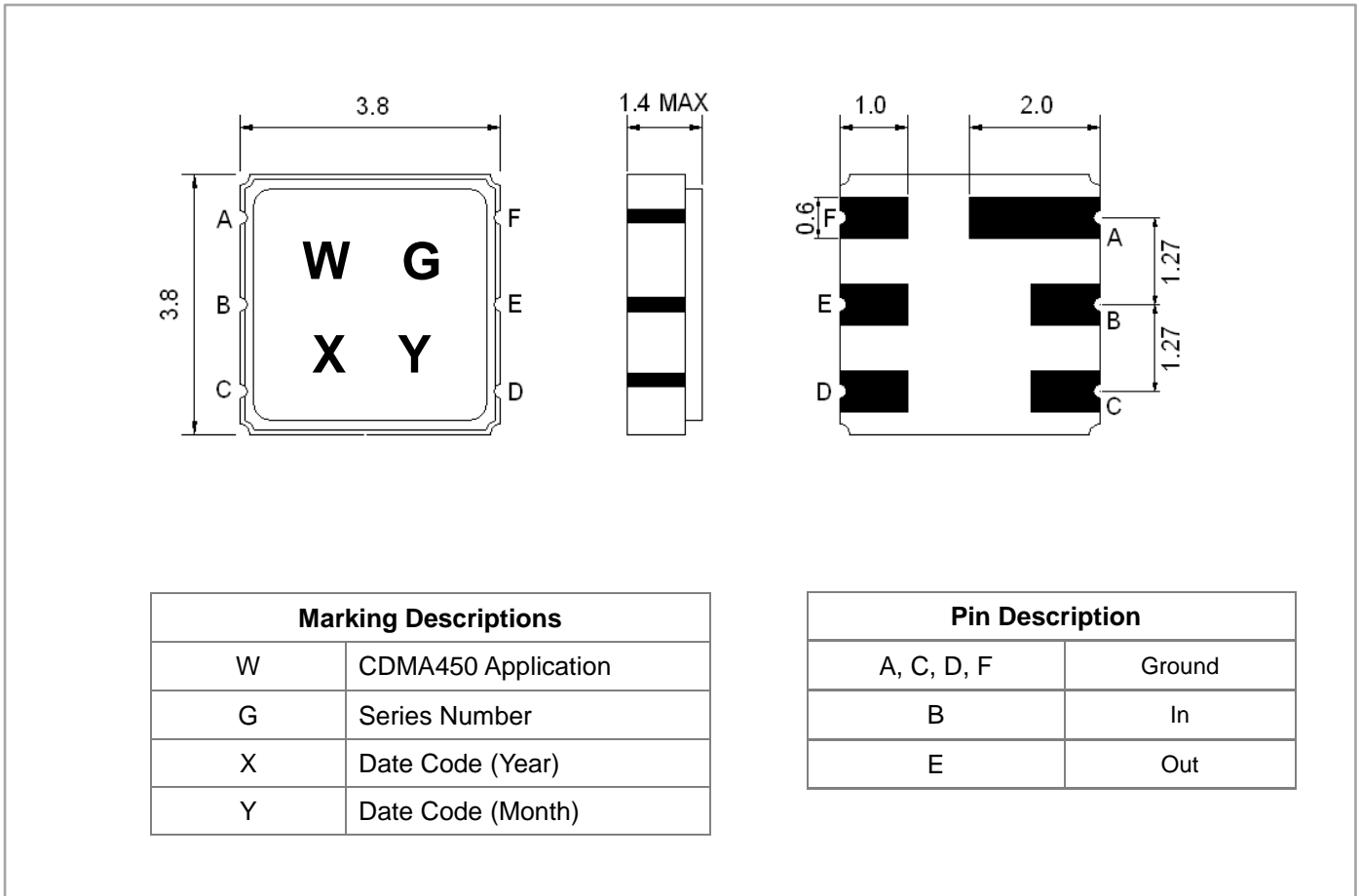
## Electrical Characteristics

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) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	P			
Length x Width	mm <sup>2</sup>	-	3.8 x 3.8	-
Height	mm	-	-	1.4

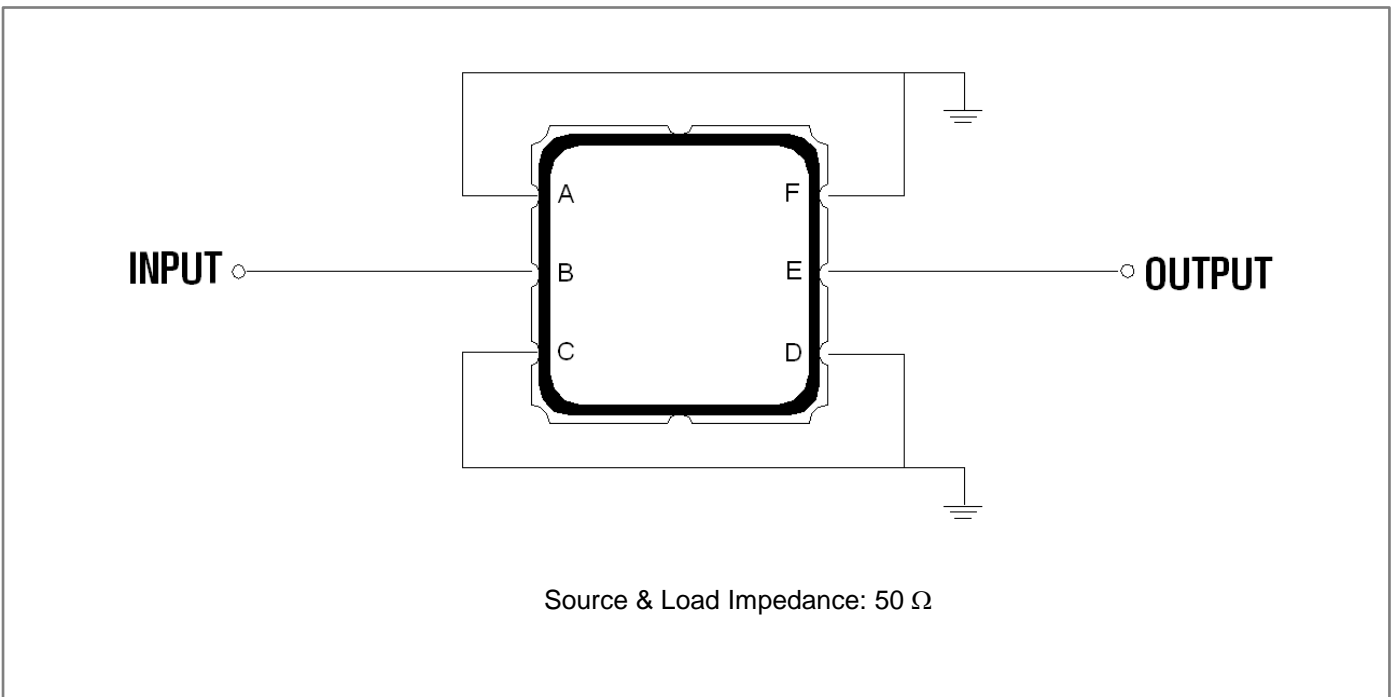
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	491.5	-
Insertion Loss in 489.0 ~ 494.0 MHz	dB	-	1.7	3.0
<b>Attenuation:</b>				
0.3 MHz ~ 479.0 MHz	dB	40	45	-
479.0 MHz ~ 484.0 MHz	dB	40	44	-
515.0 MHz ~ 800.0 MHz	dB	40	45	-
800.0 MHz ~ 1200.0 MHz	dB	35	40	-
1200.0 MHz ~ 2000.0 MHz	dB	20	32	-
VSWR in 489.0 ~ 494.0 MHz	-	-	1.3	2.0

**Notes :** (1) No Matching Network

## Package Dimensions

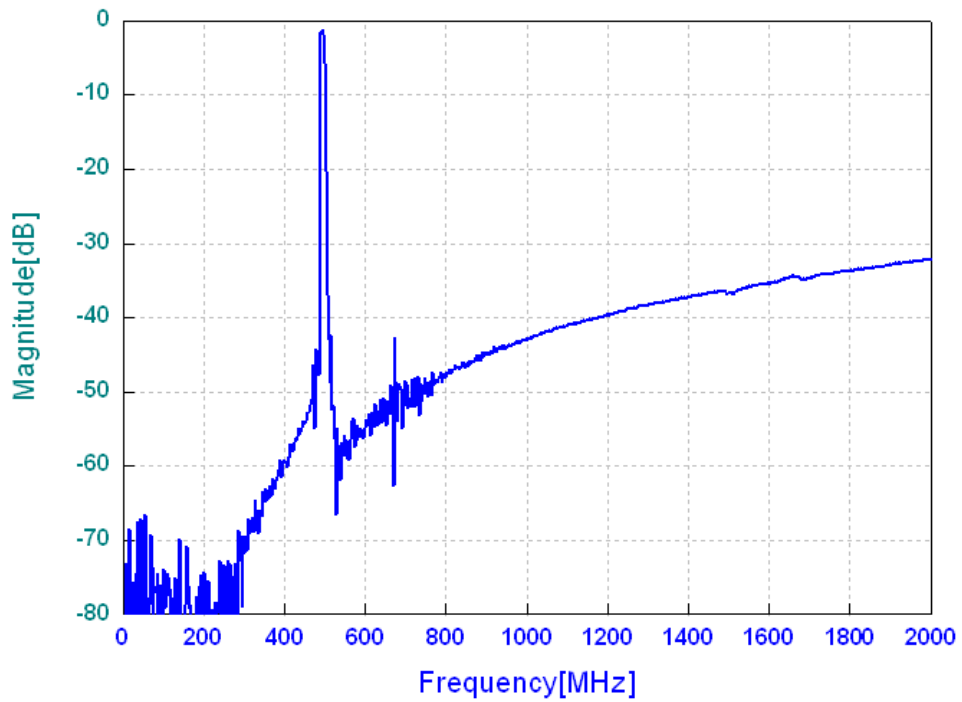
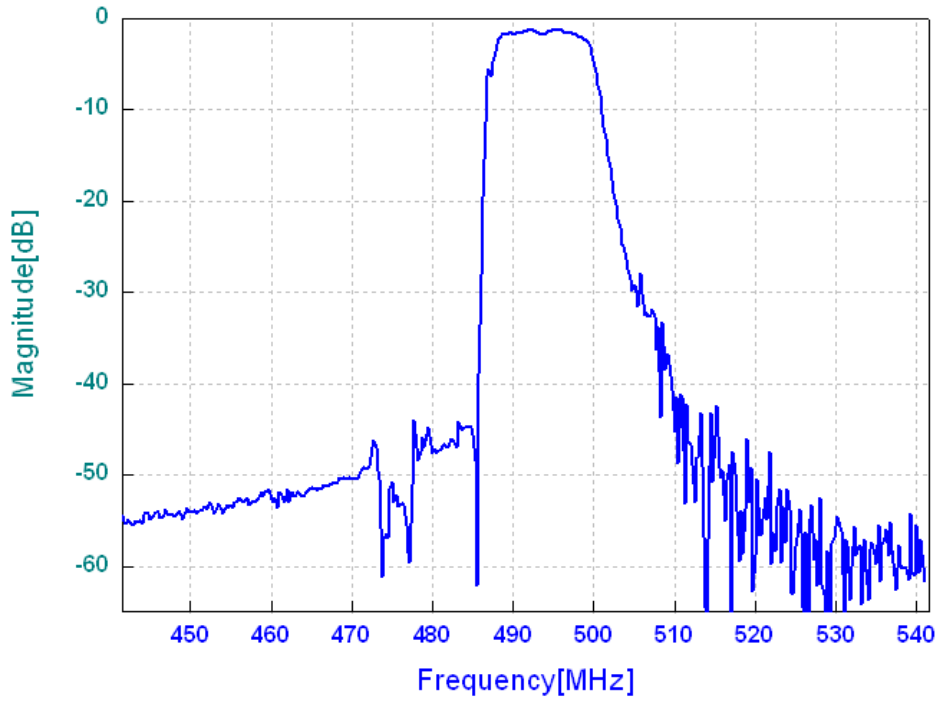


## Testing Environment

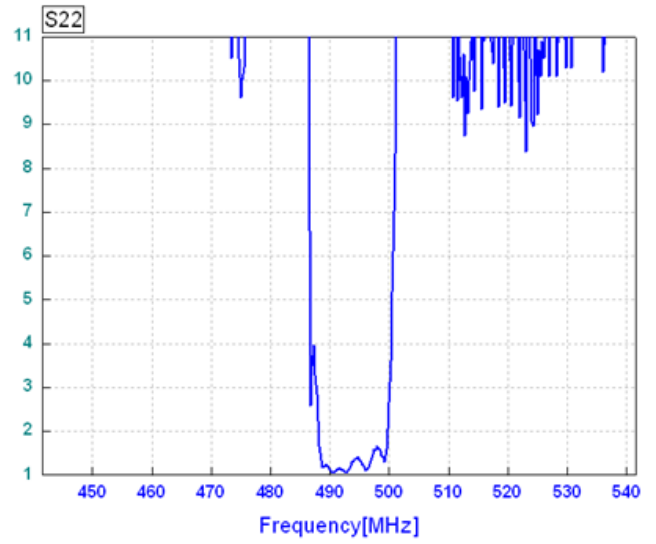
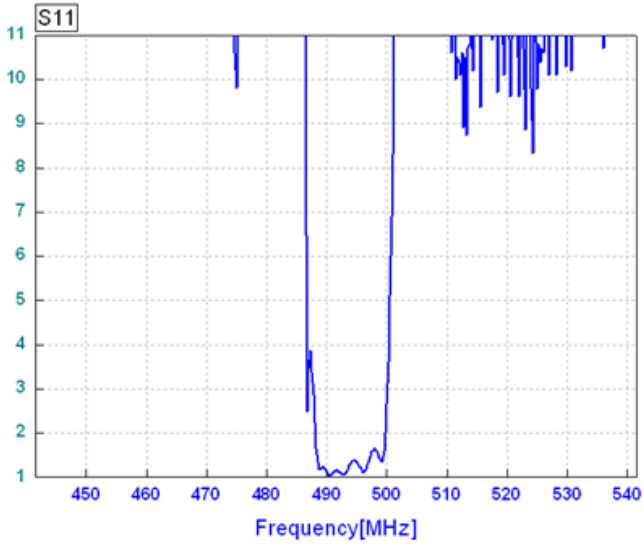


## Frequency Characteristics

**Frequency Response**



## VSWR



## Smith Chart

