

- CDMA 450 G-Band, Balanced RF-Rx SAW Filter
- Revision 0: December 2005

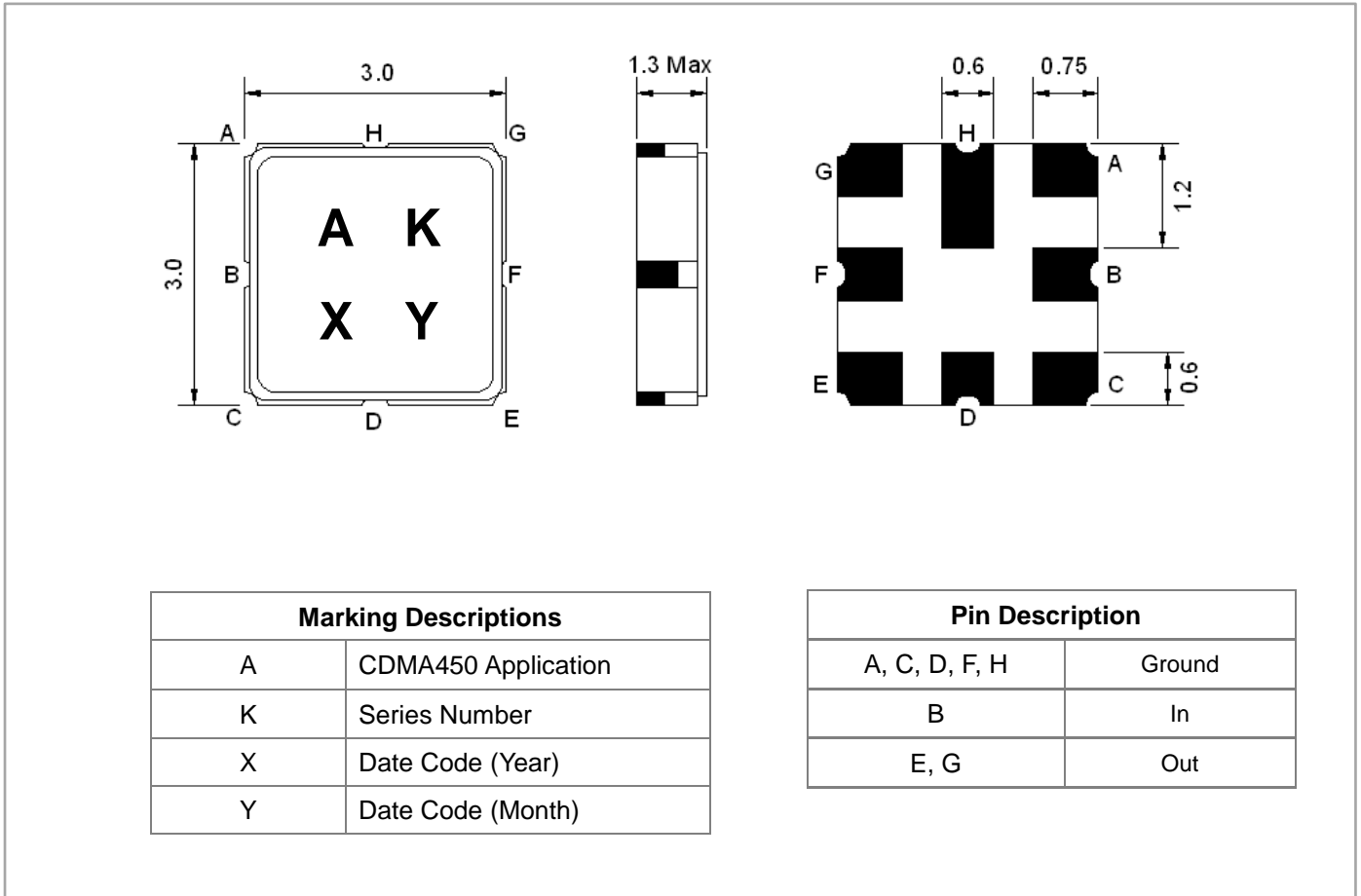
## Electrical Characteristics

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) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (balanced ended) <sup>(1)</sup>	Ω	-	100	-
Package type & size	M1			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

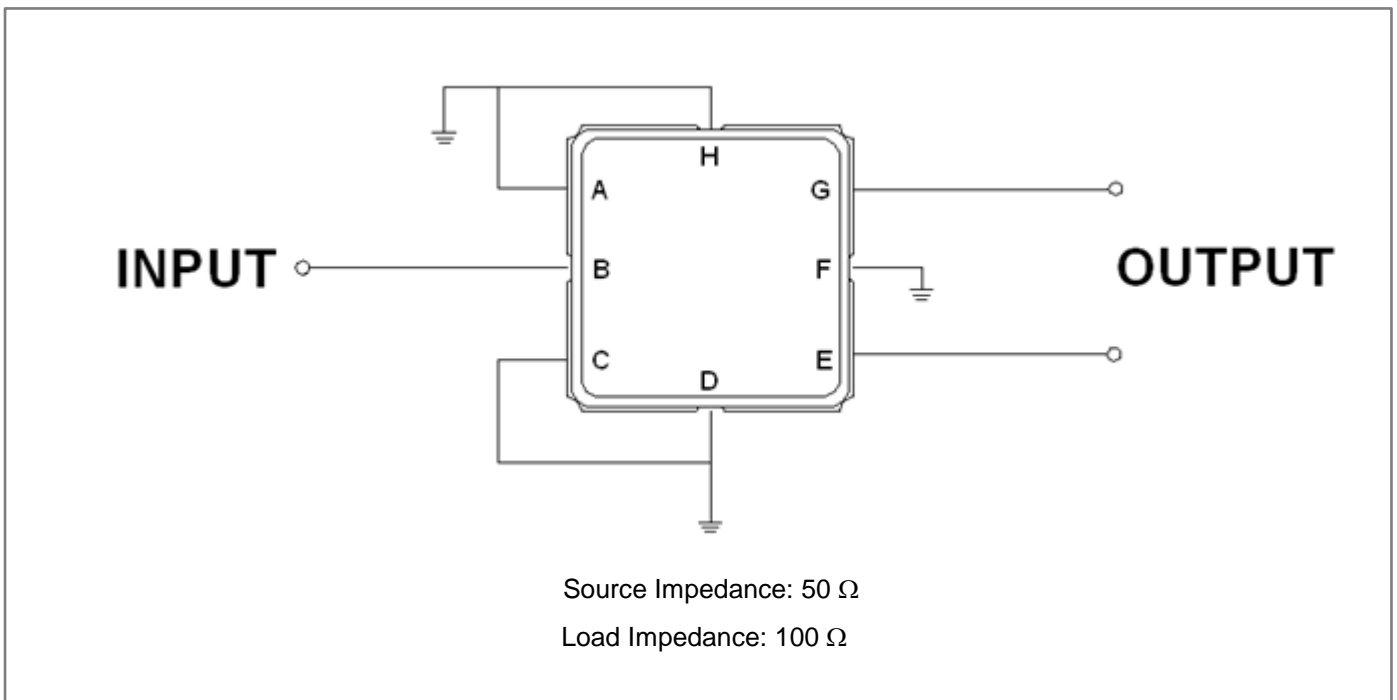
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	467.6	-
Insertion Loss within 465.2 ~ 470.0 MHz	dB	-	2.4	4.0
<b>Attenuation:</b>				
0.3 ~ 455.2 MHz	dB	40	50	-
455.2 ~ 460.0 MHz	dB	35	49	-
490.0 ~ 700.0 MHz	dB	40	50	-
700.0 ~ 1200.0 MHz	dB	40	55	-
1200.0 ~ 2000.0 MHz	dB	35	50	-
VSWR within 465.2 ~ 470.0 MHz	-	-	2.0	2.5

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

## Package Dimensions

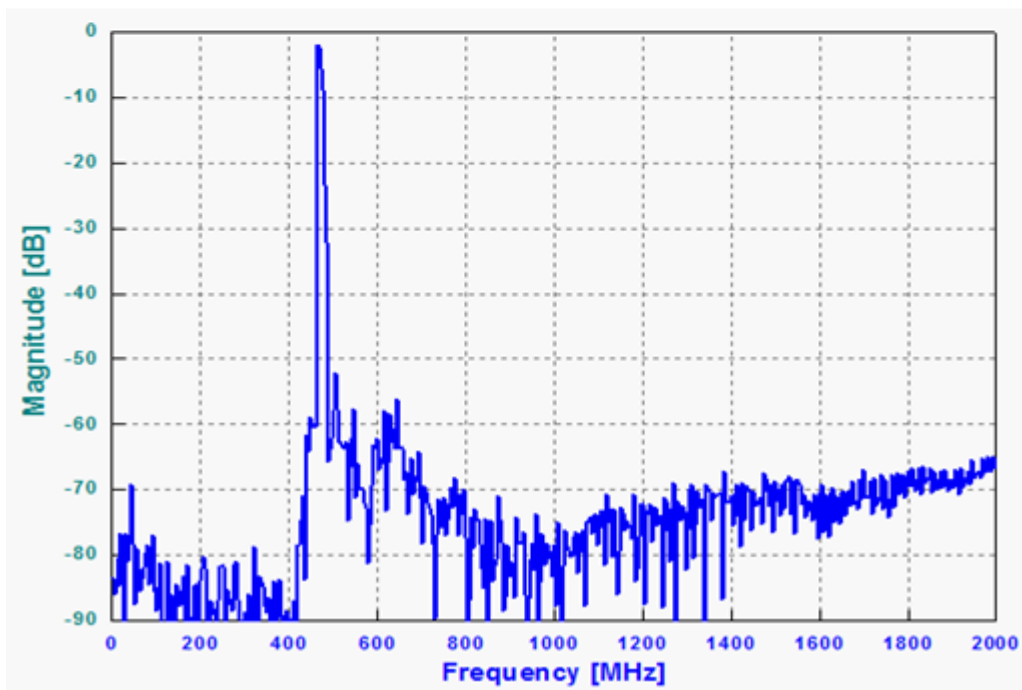
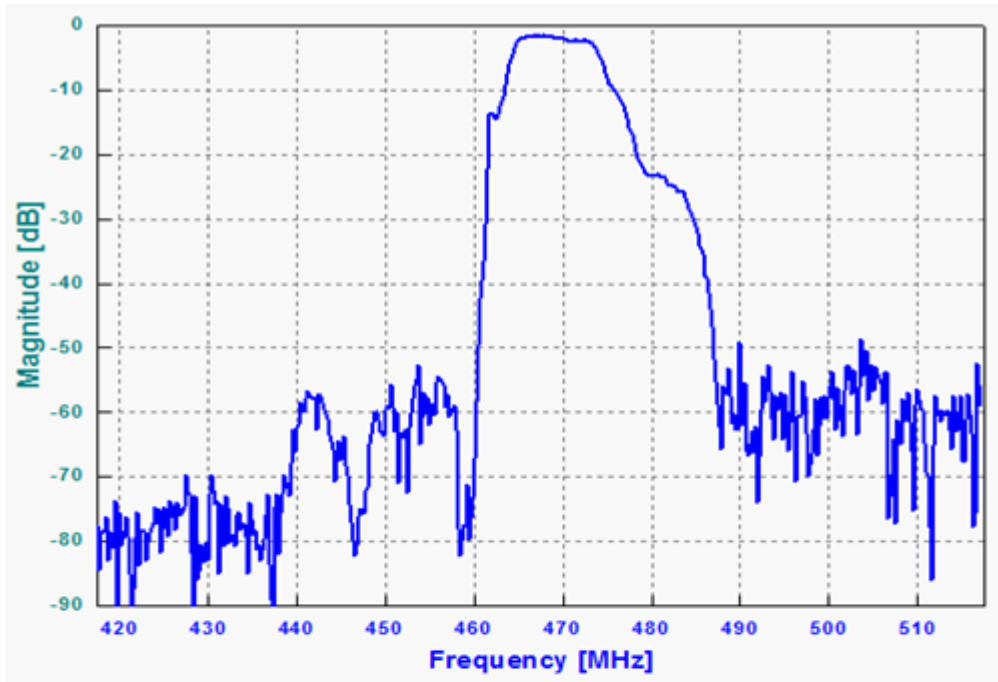


## Testing Environment

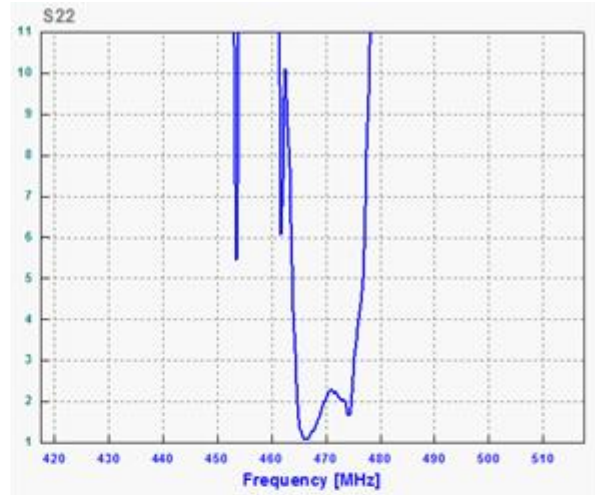
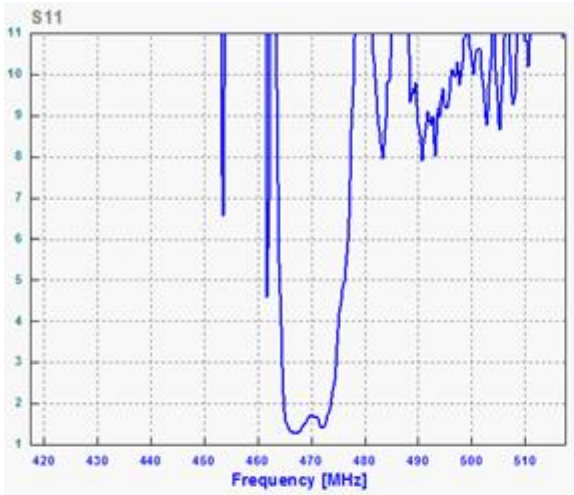


## Frequency Characteristics

Frequency Response



**VSWR**



**Smith Chart**

