



*Total Solution Provider in Saw Device*

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# SA467CM

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



- Electrical Characteristics
  - Package Dimensions
  - Testing Environment
  - Frequency Characteristics
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**□ Electrical Characteristics**

**Maximum Ratings**

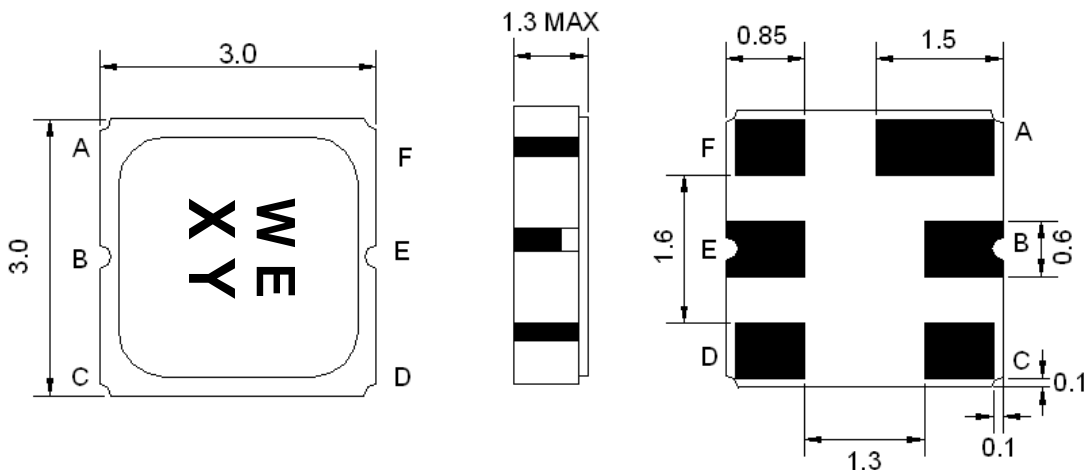
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	27
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
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	-	467.5	-
Insertion Loss within 465.0 ~ 470.0 MHz	dB	-	1.8	3.0
<b>Attenuation:</b>				
0.3 ~ 455.0 MHz	dB	40	50	-
455.0 ~ 460.0 MHz	dB	40	48	-
490.0 ~ 700.0 MHz	dB	43	50	-
700.0 ~ 1200 MHz	dB	35	43	-
1200 ~ 2000 MHz	dB	30	37	-
VSWR within 465.0 ~ 470.0 MHz	-	-	1.5	2.0

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

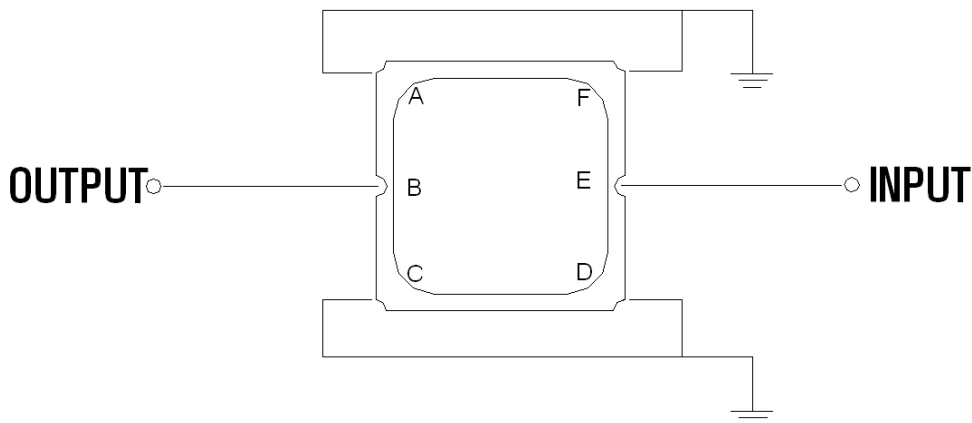
### Package Dimensions



Marking Descriptions	
W	CDMA450 Application
E	Series Number
X	Date Code(Year)
Y	Date Code(Month)

Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

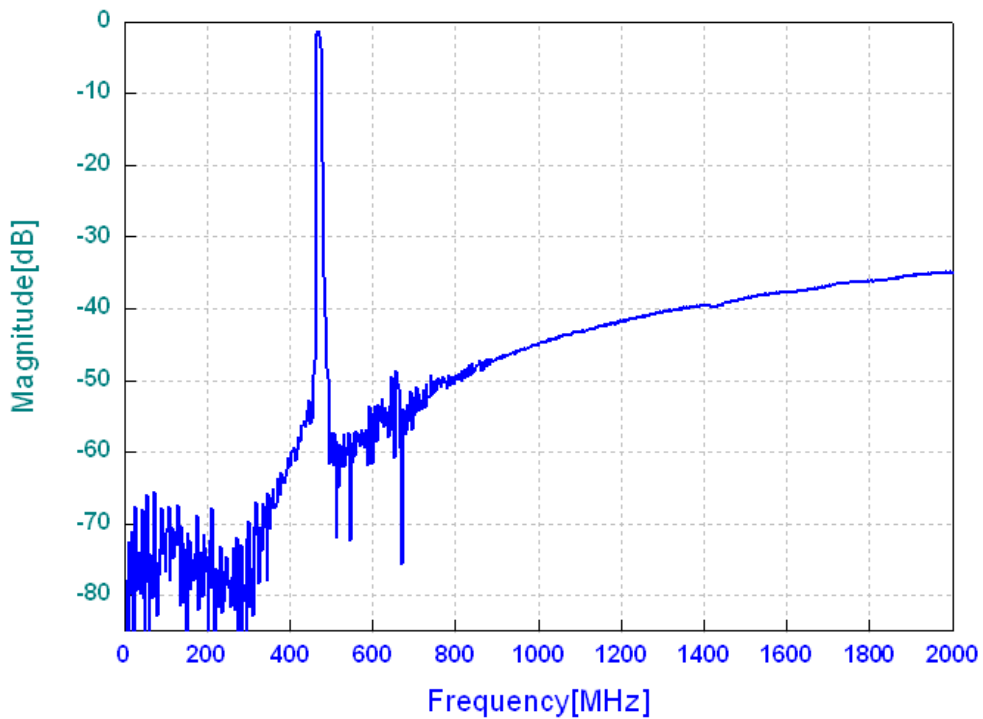
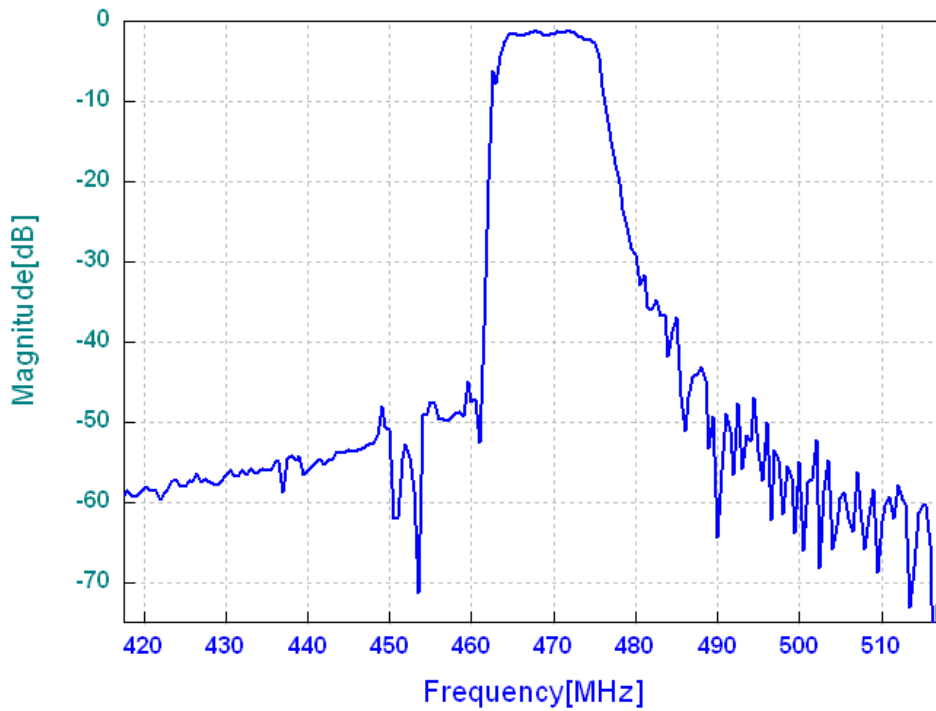
### Testing Environment



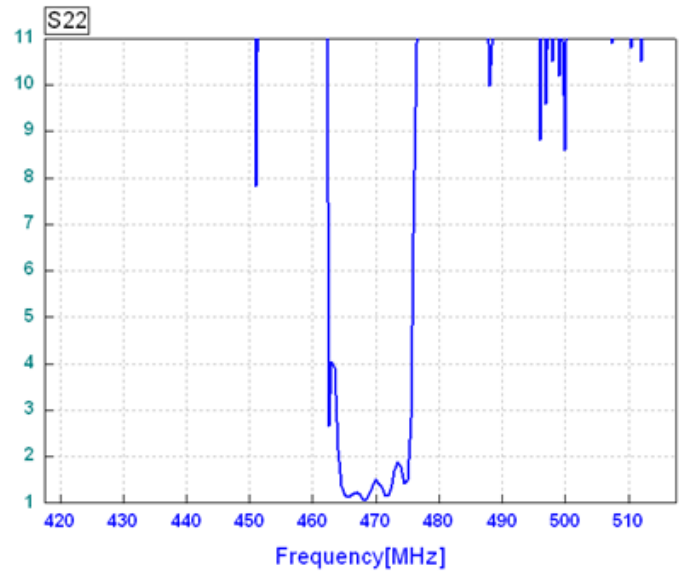
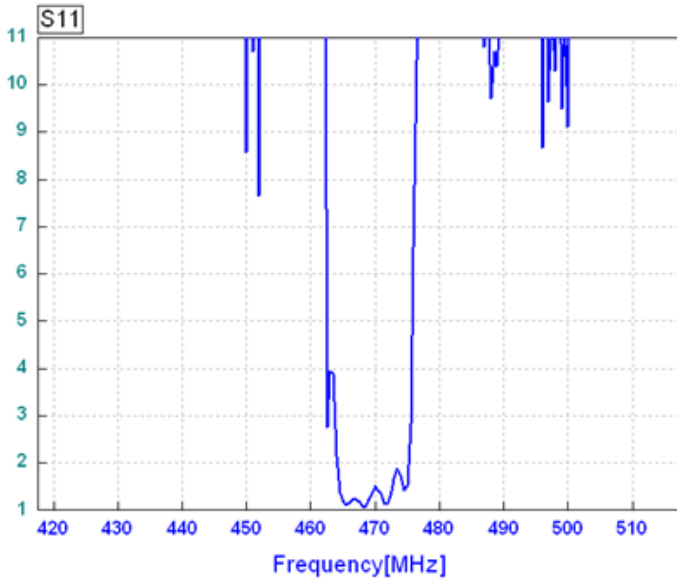
Source & Load Impedance: 50 Ω

**□ Frequency Characteristics**

Frequency Response



### VSWR



### Smith Chart

