

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

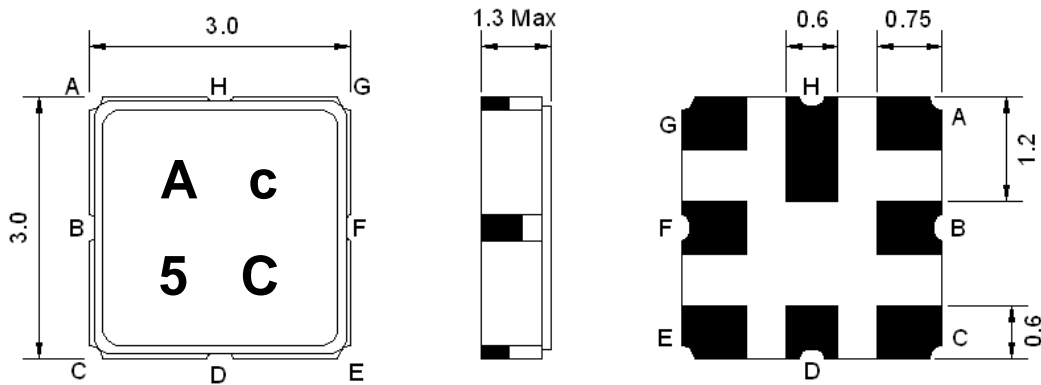
Electrical Characteristics

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

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	464.0	-
Maximum Insertion Loss in 461.5 ~466.5 MHz	dB		2.2	4.5
Stop Band Attenuation:				
0.3 ~ 451.5 MHz	dB	40	55	-
451.5 ~ 456.5 MHz	dB	35	50	-
485.0 ~ 507.5 MHz	dB	40	50	-
507.5 ~ 1200.0 MHz	dB	40	55	-
1200.0 ~ 2000.0 MHz	dB	35	50	-
VSWR in 461.5 ~ 466.5 MHz	-	-	1.9	2.4

Notes: (1) No Matching Network

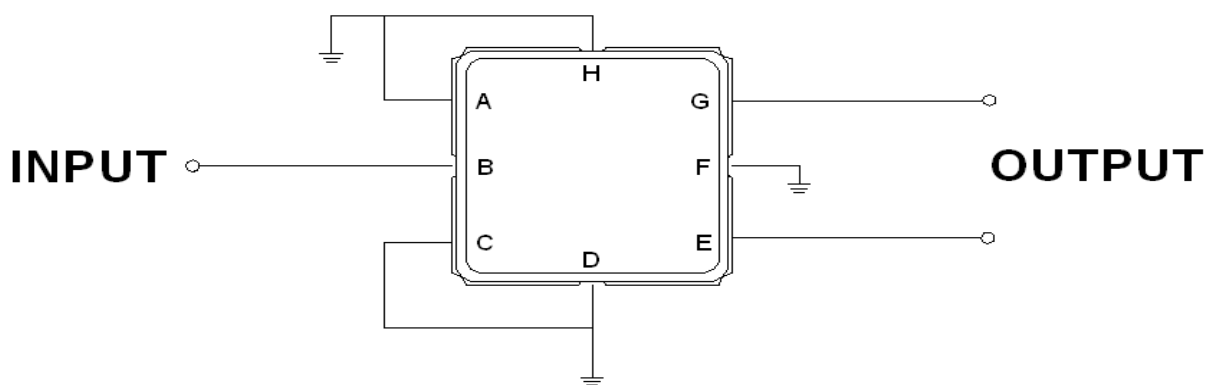
Package Dimensions



Marking Descriptions	
A	CDMA450 Application
c	Series Number
5	Date Code (Year)
C	Date Code (Month)

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

Testing Environment

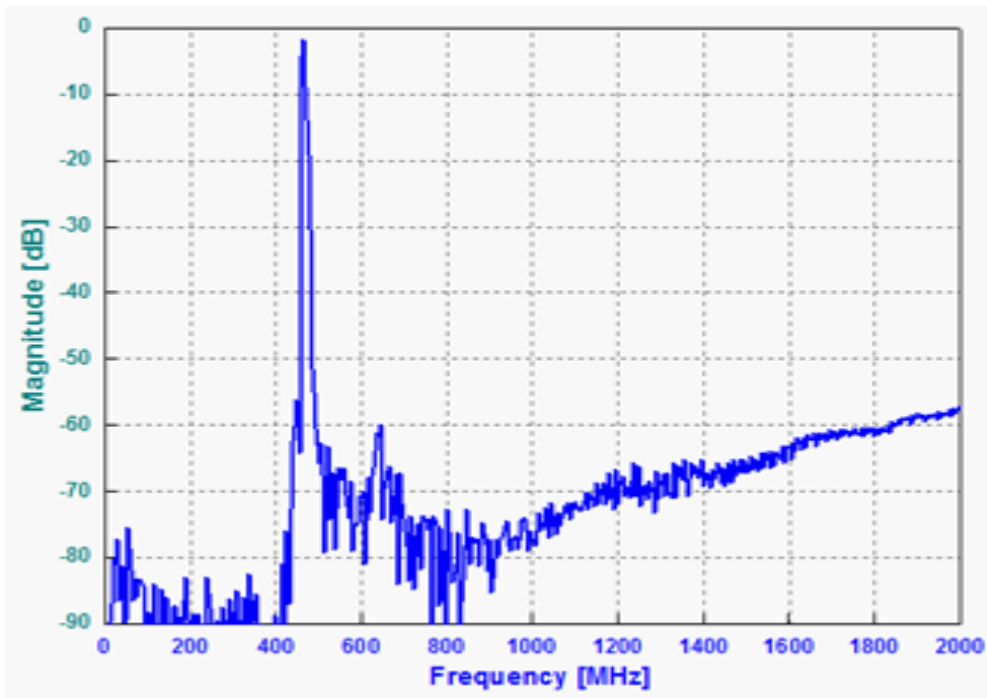
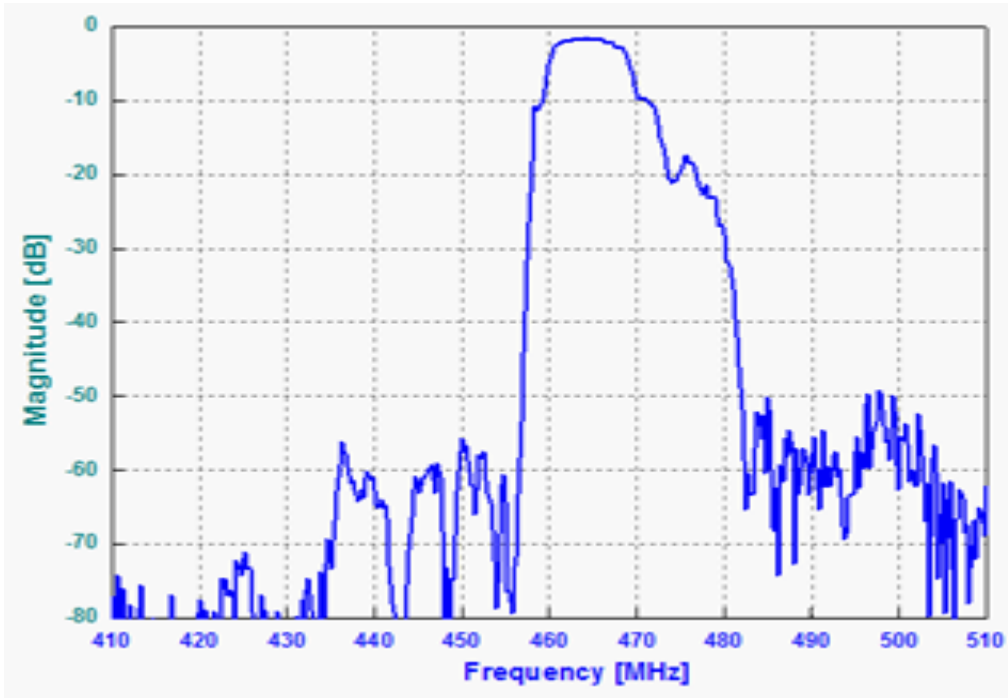


Source Impedance: 50 Ω

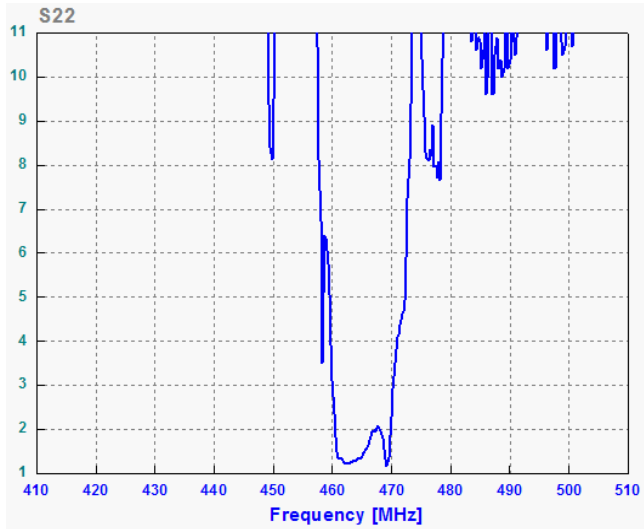
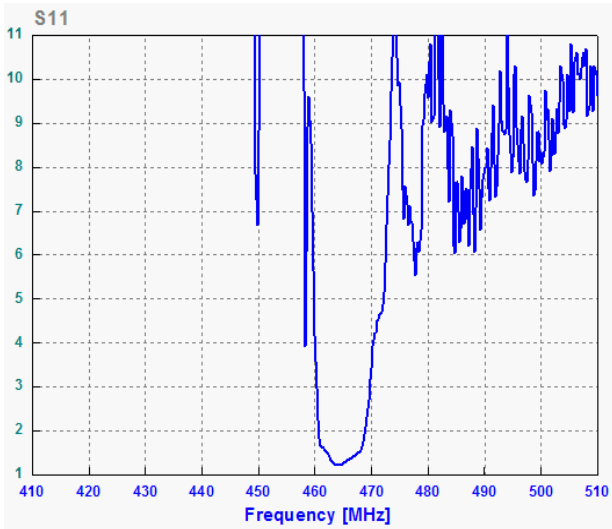
Load Impedance: 100 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

