

- CDMA 450 A-Band, Balanced RF-Rx SAW Filter
- Revision 1: July 2013

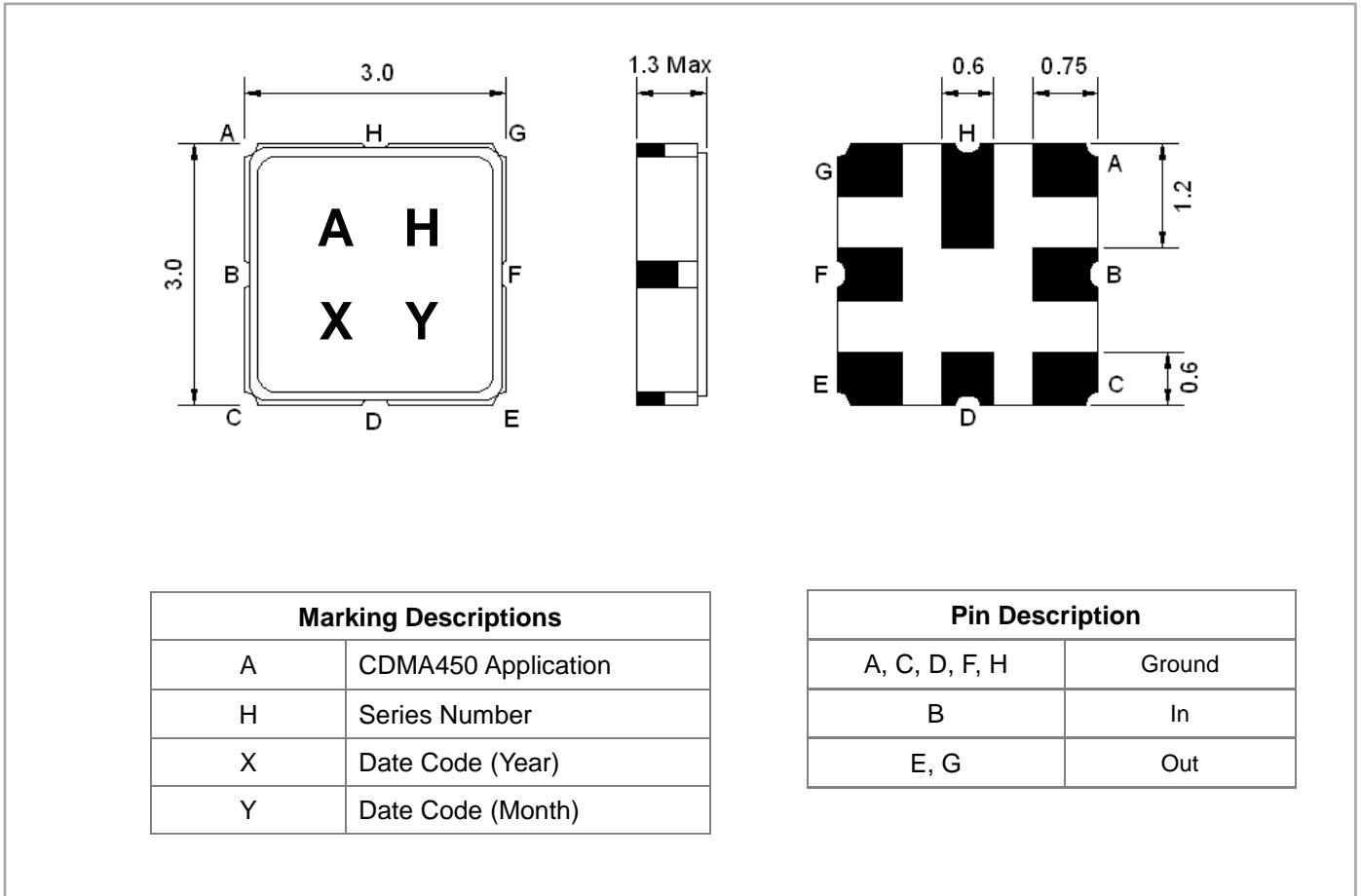
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	28
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

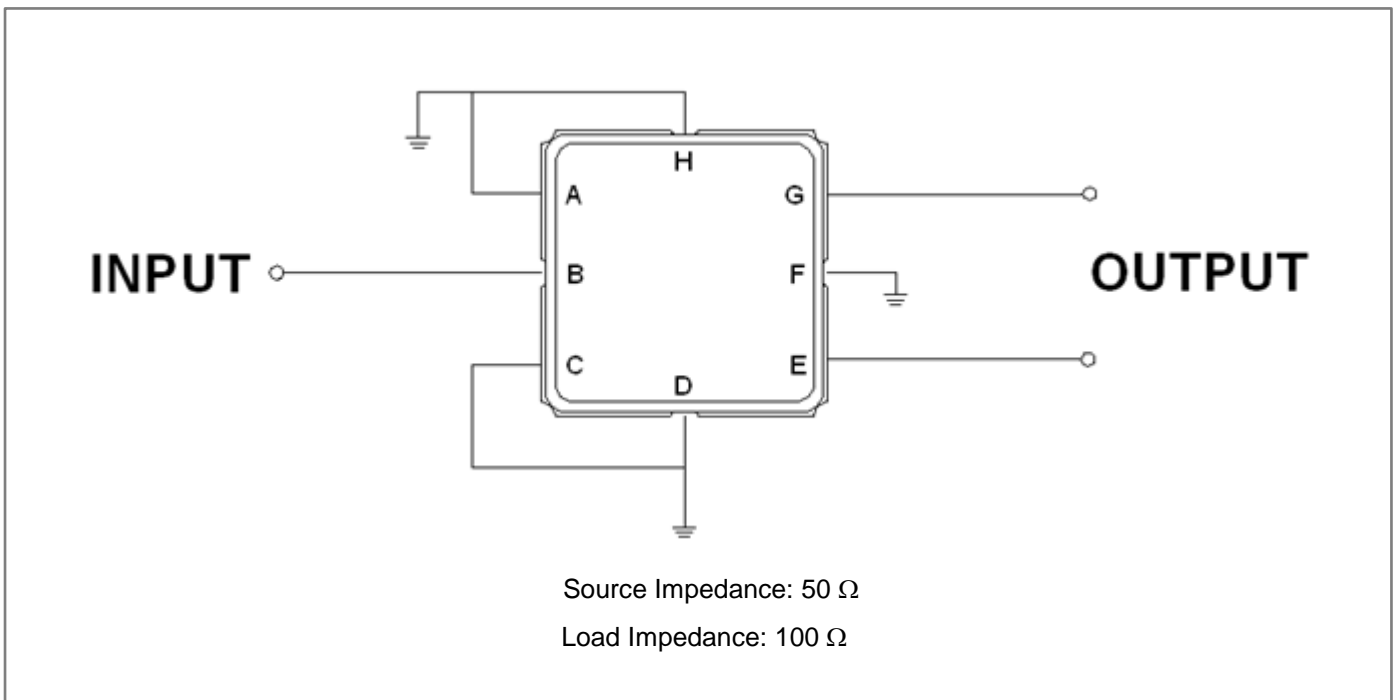
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	465	-
Insertion Loss in 462.5 ~467.5 MHz	dB	-	2.4	4.0
Attenuation:				
0.3 ~ 452.5 MHz	dB	40	50	-
452.5 ~ 457.5 MHz	dB	35	48	-
485.0 ~ 507.5 MHz	dB	40	43	-
507.5 ~ 1200.0 MHz	dB	30	50	-
1200.0 ~ 1700.0 MHz	dB	20	35	-
VSWR in 462.5 ~ 467.5 MHz	-	-	1.7	2.1

Notes: (1) No Matching Network.

Package Dimensions

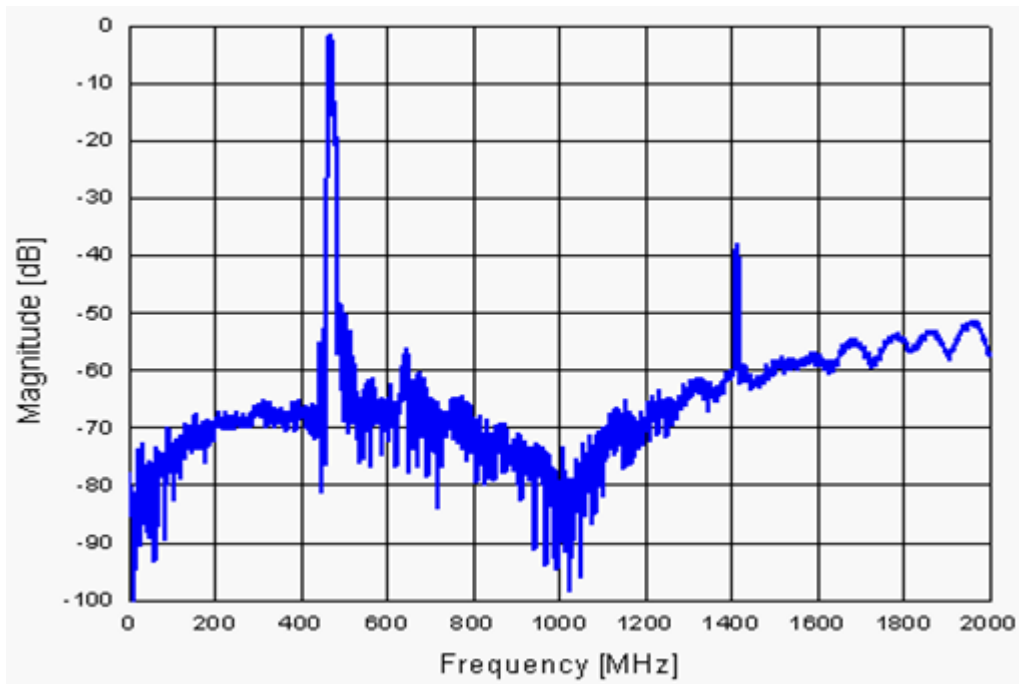
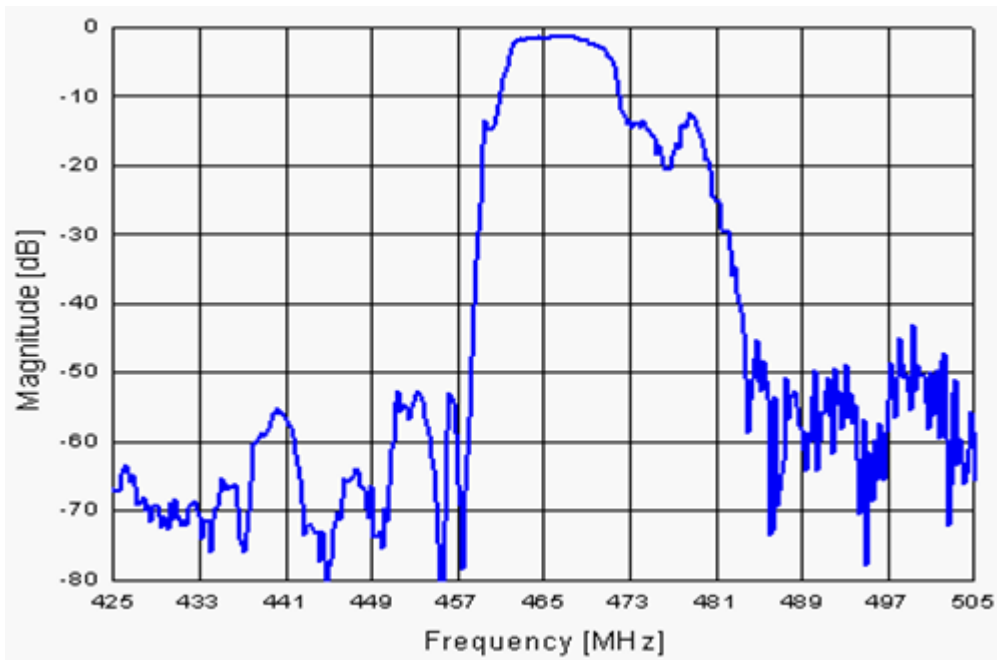


Testing Environment

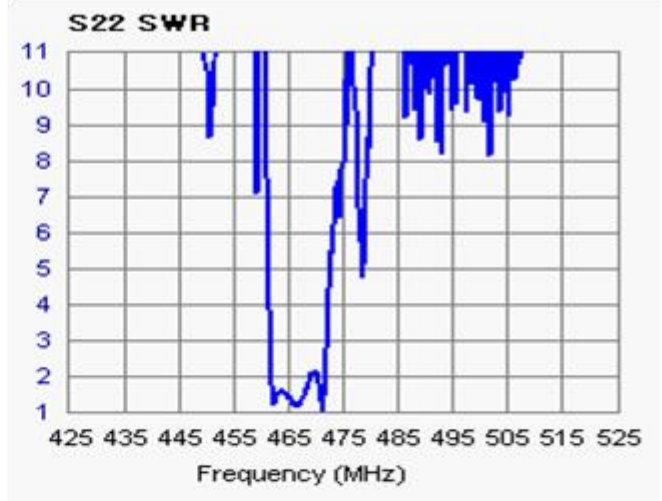
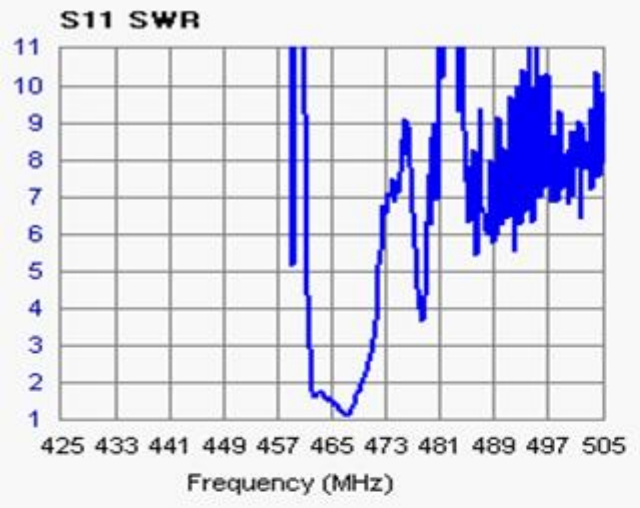


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

