

- CDMA 450 F-Band, RF-Rx SAW Filter
- Revision 0: November 2006

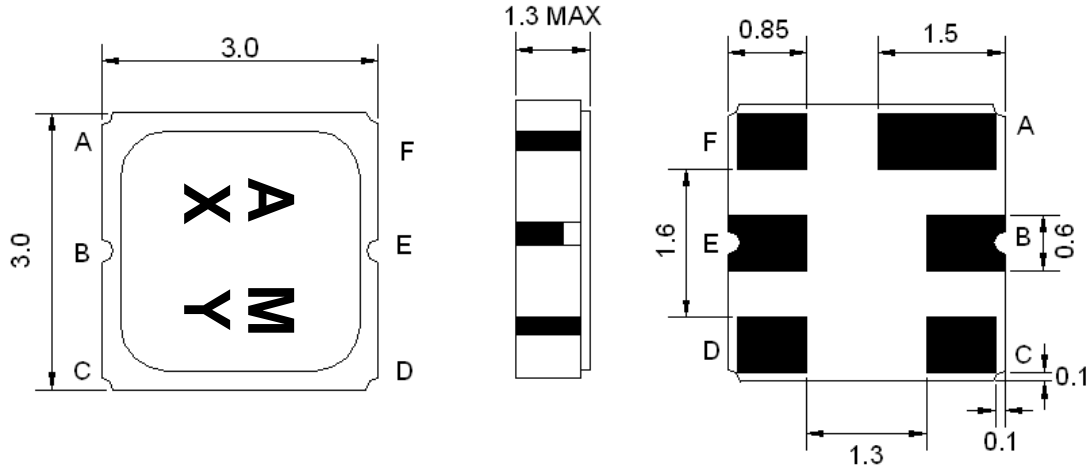
Electrical Characteristics

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 (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
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	-	491.2	-
Insertion Loss within 489.0 ~ 493.5 MHz	dB	-	2.5	3.5
Attenuation:				
0.3 ~ 479.0 MHz	dB	40	50	-
479.0 ~ 483.5 MHz	dB	35	48	-
515.0 ~ 800.0 MHz	dB	40	49	-
800.0 ~ 1200 MHz	dB	30	43	-
1200 ~ 2000 MHz	dB	25	37	-
VSWR within 489.0 ~ 493.5 MHz	-	-	1.5	2.0

Notes: (1) No Matching Network.

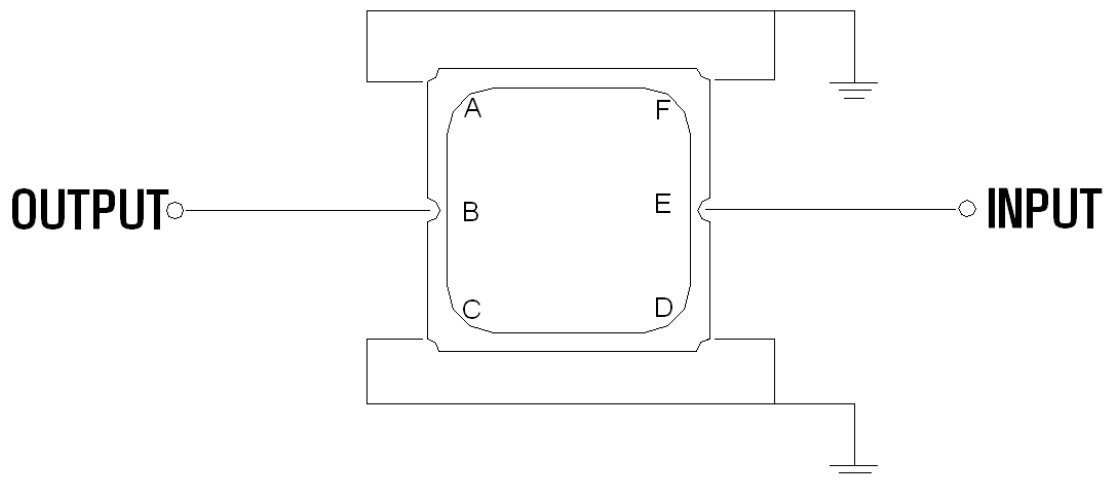
Package Dimensions



Marking Descriptions	
A	CDMA450 Application
M	Series Number
X	Date Code (Year)
Y	Date Code (Month)

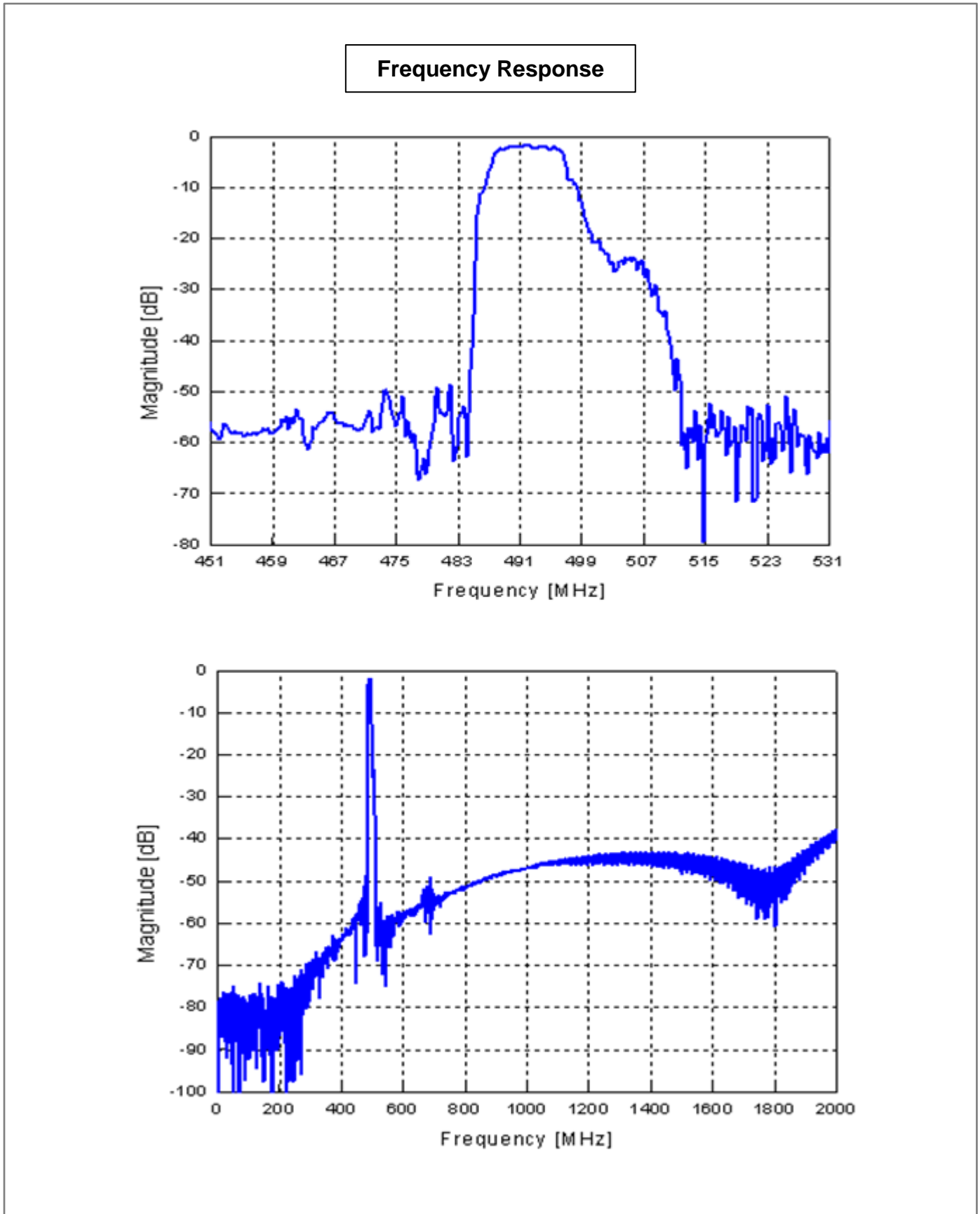
Pin Description	
A, C, D, F	Ground
E	In
B	Out

Testing Environment

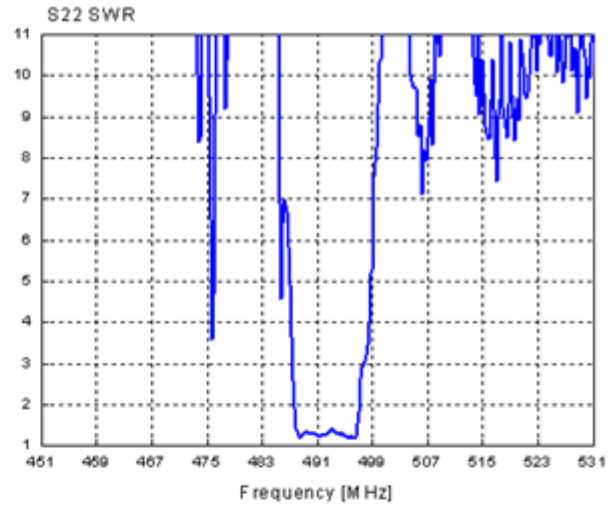
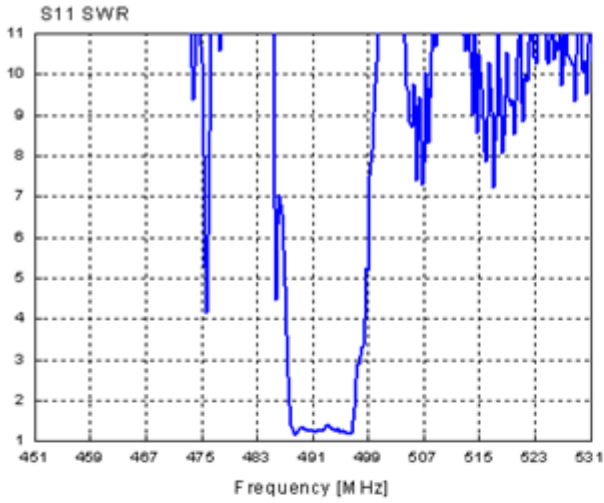


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

