

- CDMA 450 F-Band, Balanced RF-Tx SAW Filter
- Revision 0: March 2009

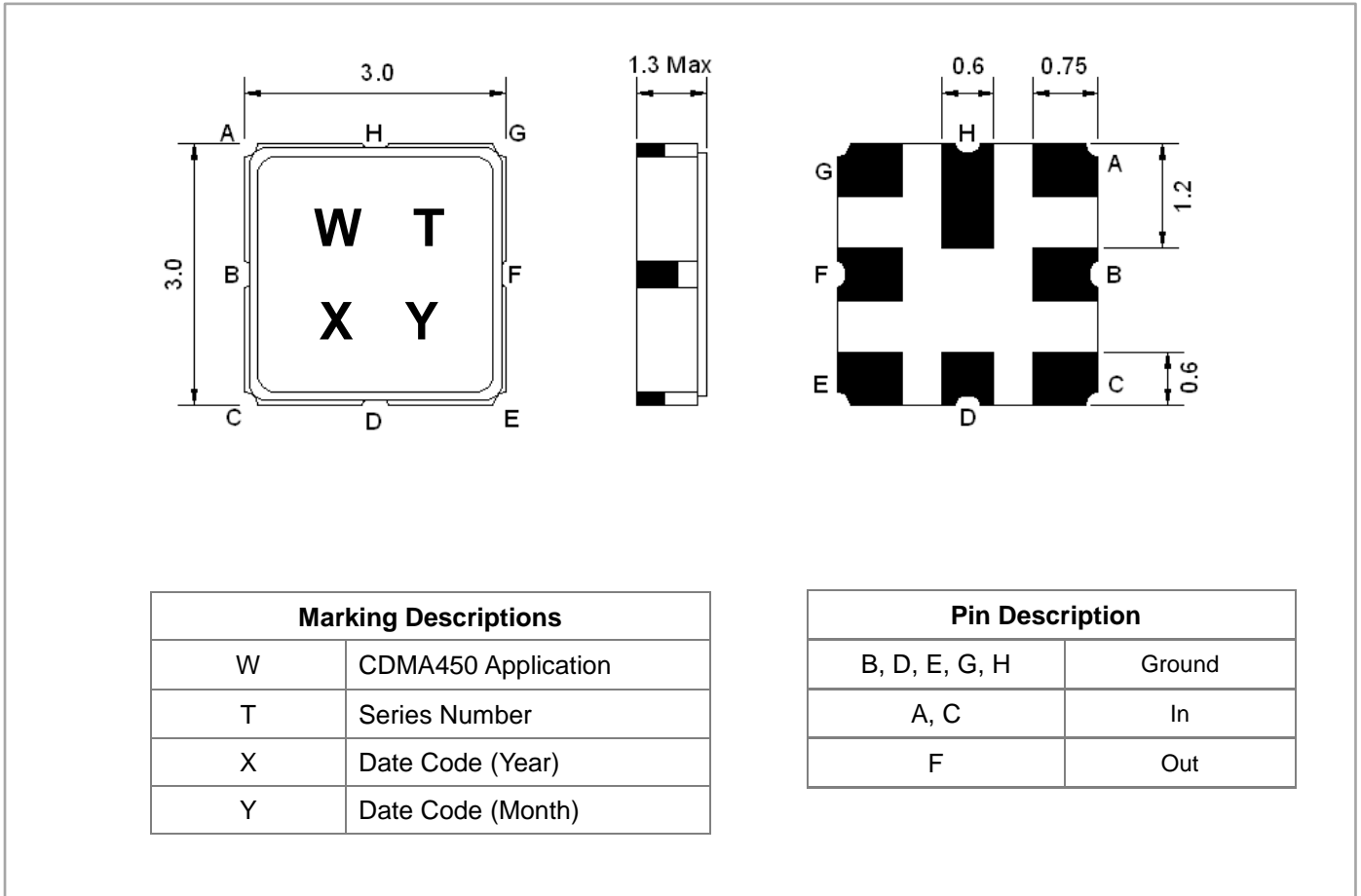
Electrical Characteristics

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	-	-	0
Source Impedance (balanced ended) ⁽¹⁾	Ω	-	100	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M1			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

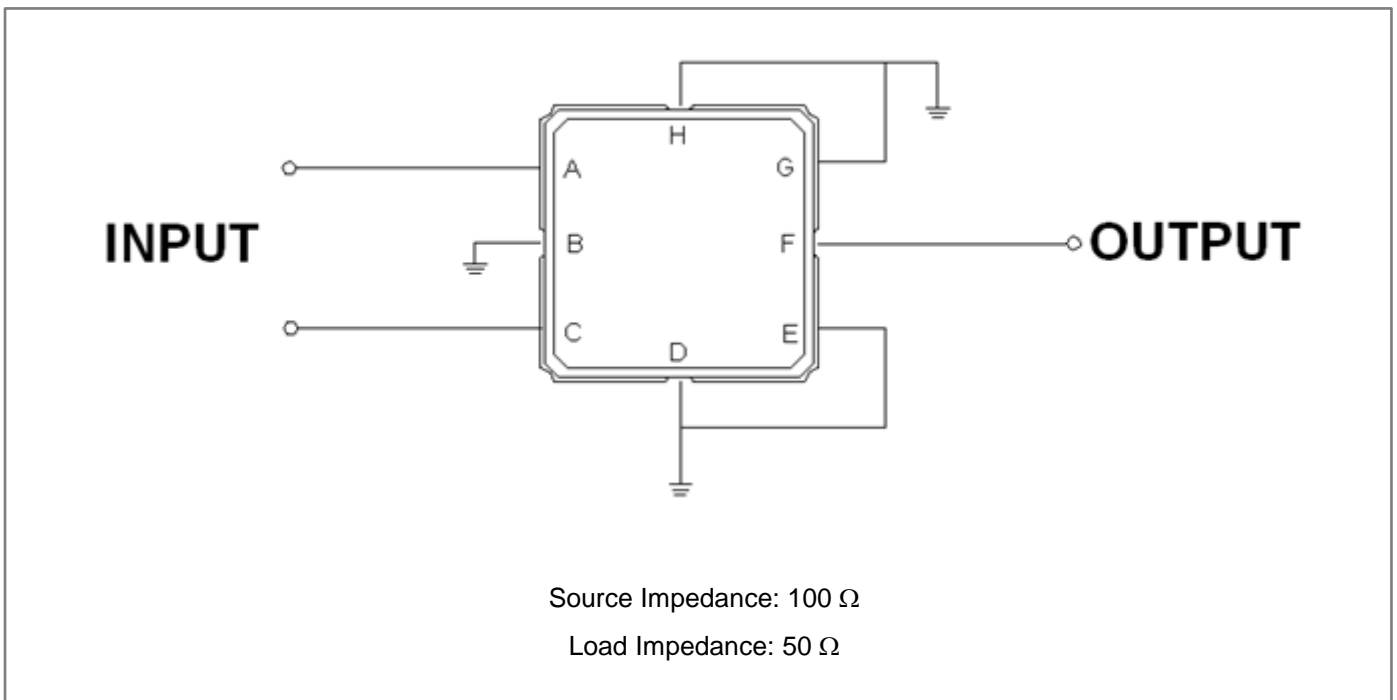
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	481.2	-
Insertion Loss within 479.0 ~ 483.5 MHz	dB	-	2.3	2.8
Stop Band Attenuation:				
0.3 ~ 467.0 MHz	dB	40	50	-
489.0 ~ 493.5 MHz	dB	30	38	-
493.5 ~ 1700.0 MHz	dB	35	45	-
1700.0 ~ 2000.0 MHz	dB	35	45	-
VSWR within 479.0 ~ 483.5 MHz	-	-	2.1	2.5

Notes : (1) No Matching Network.

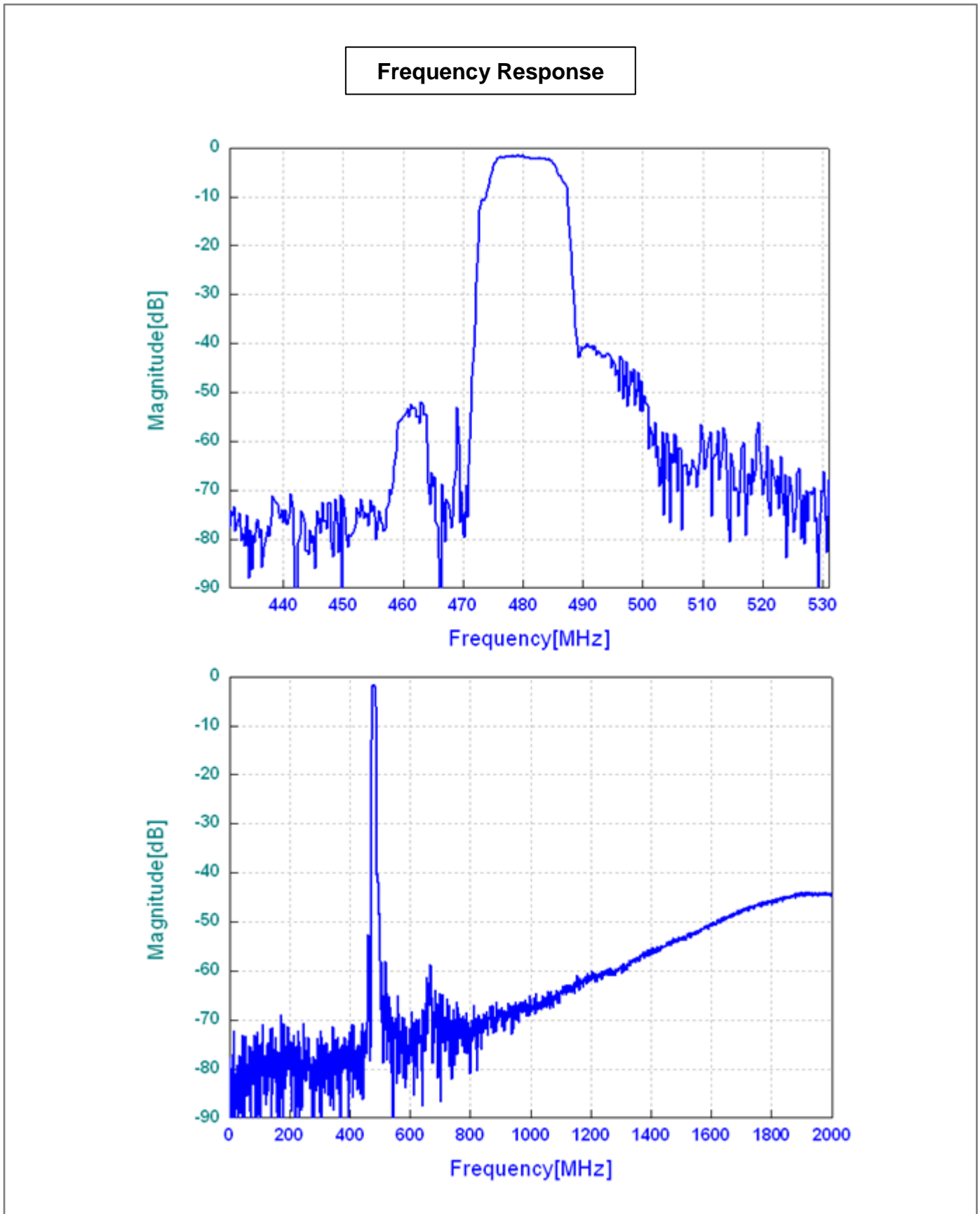
Package Dimensions



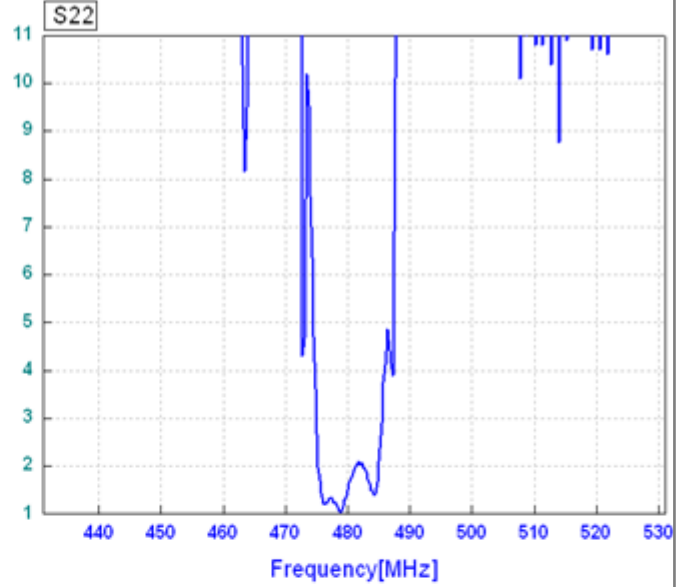
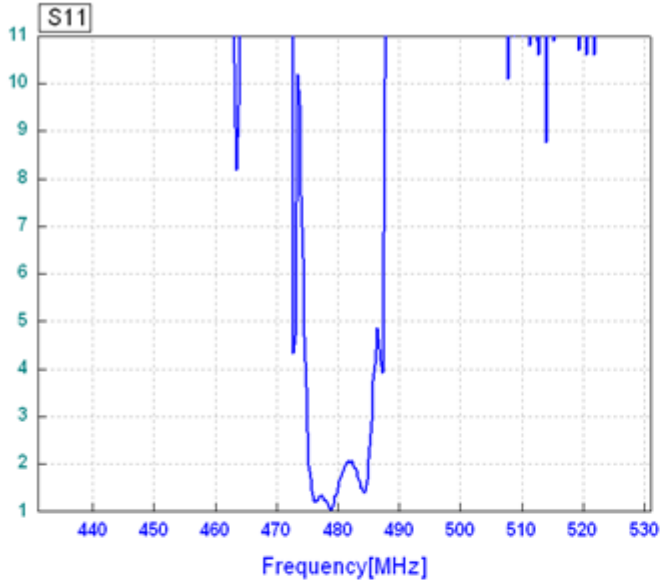
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

