

- CDMA 450 G-Band, RF-Tx SAW Filter
- Revision 0:

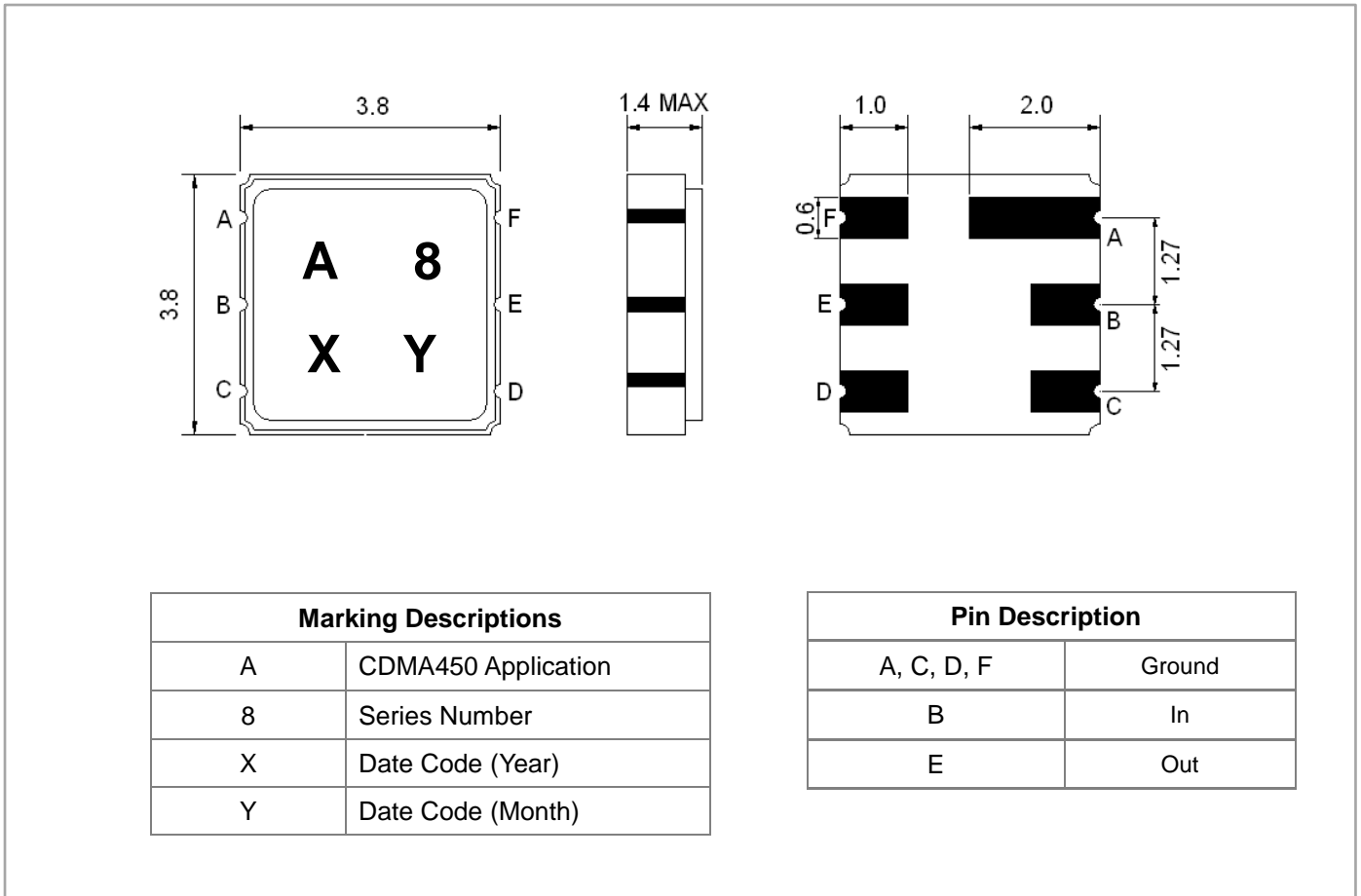
Electrical Characteristics

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	-	-	30
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

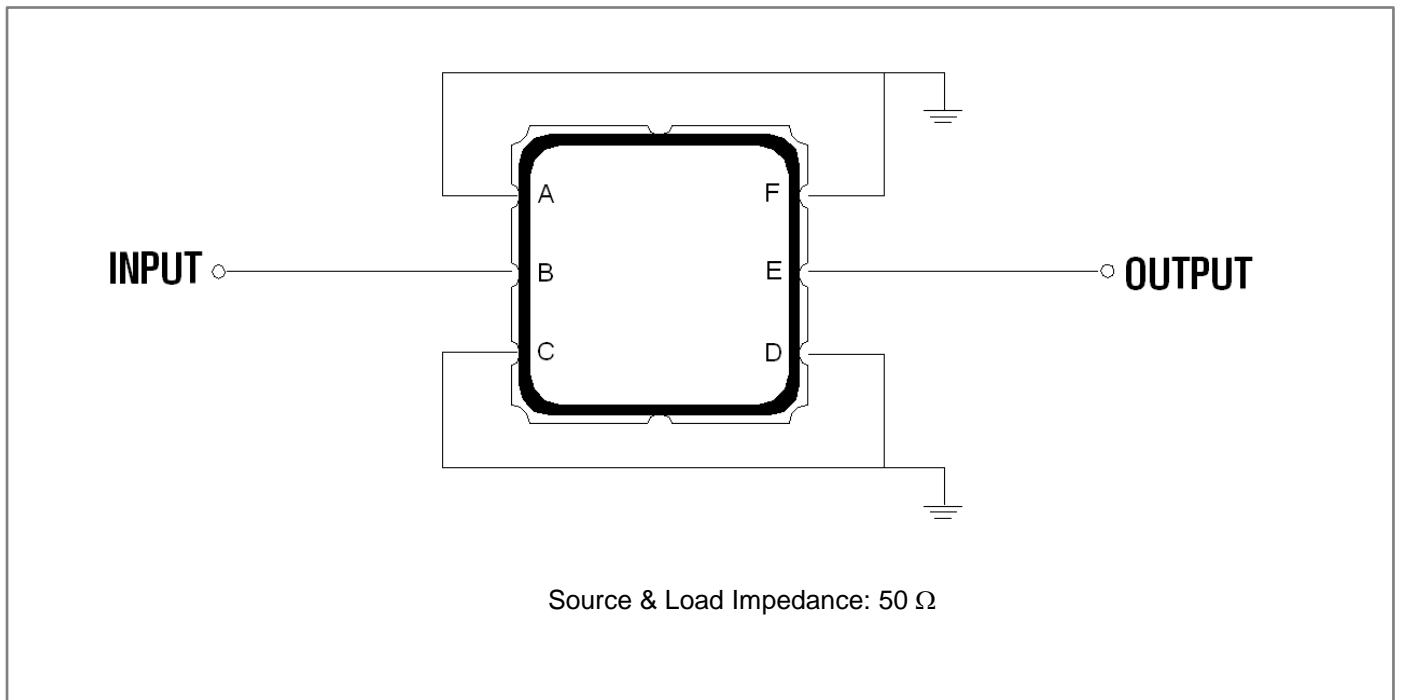
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	457.6	-
Insertion Loss in 455.2 ~460.0 MHz	dB	-	1.8	2.8
Attenuation:				
0.3 ~ 445.0 MHz	dB	25	28	-
465.2 ~ 470.0 MHz	dB	30	49	-
470.0 ~ 1700 MHz	dB	23	27	-
1700 ~ 2000 MHz	dB	18	21	-
VSWR in 455.2 ~ 460.0 MHz	-	-	1.6	2.0

Notes : (1) No Matching Network

Package Dimensions

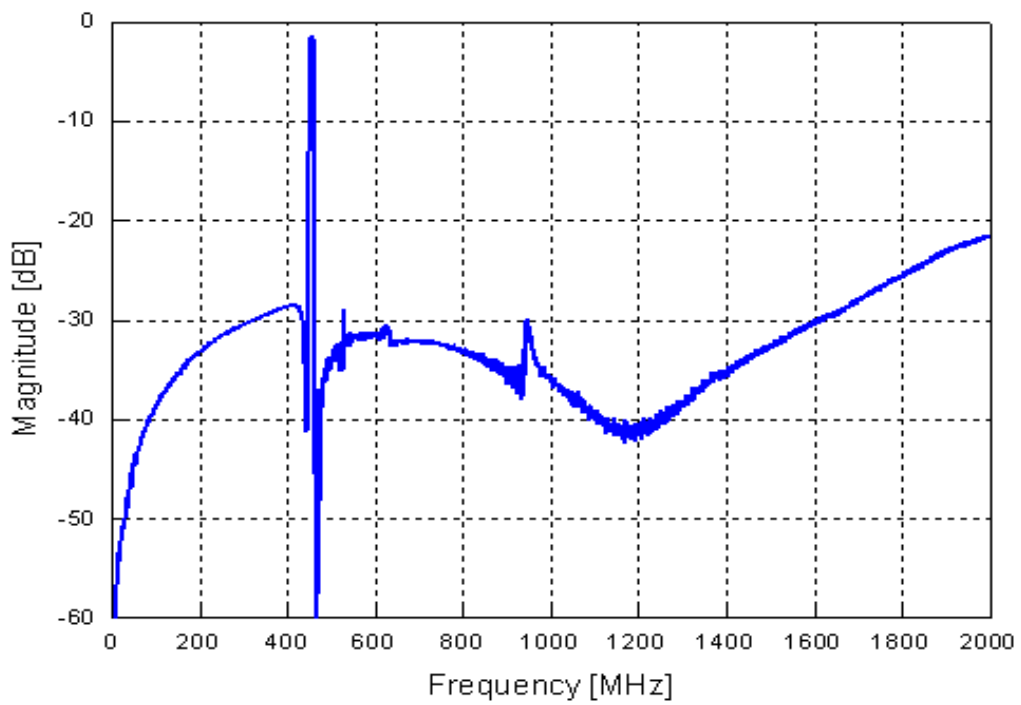
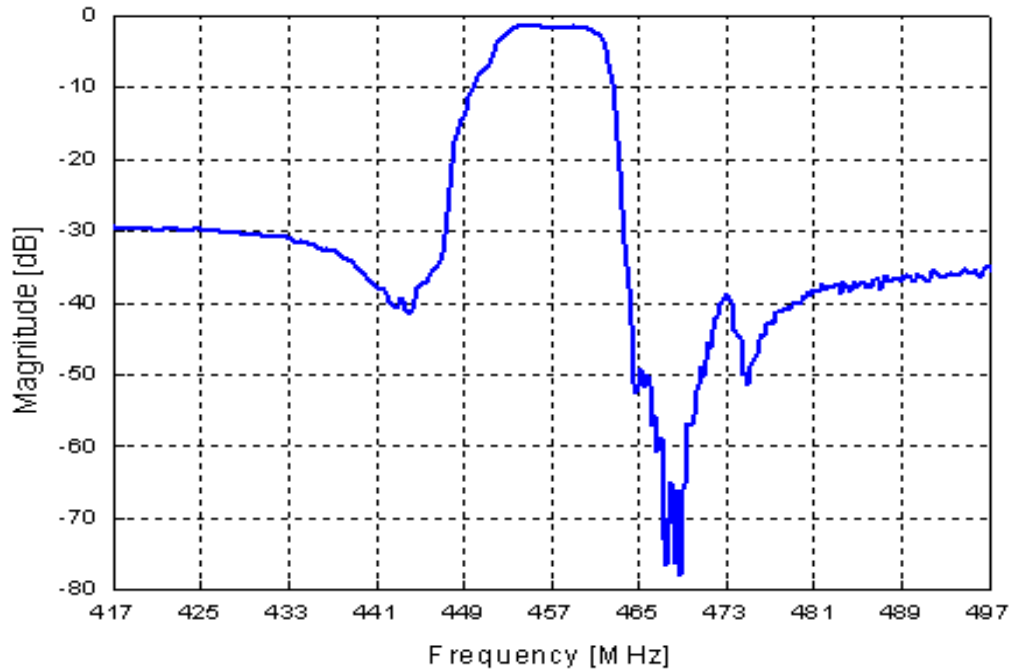


Testing Environment

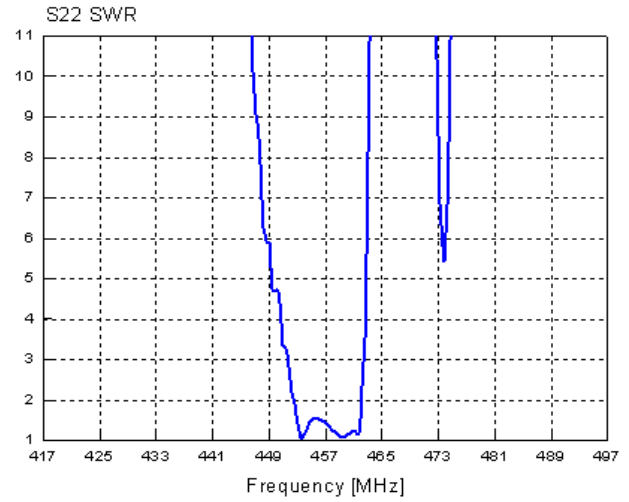
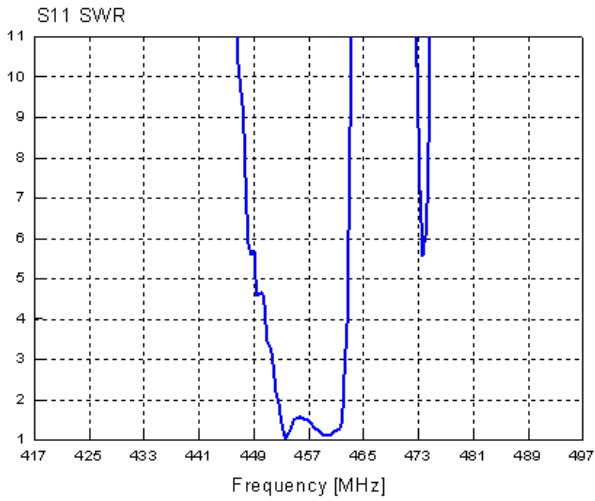


Frequency Characteristics

Frequency Response

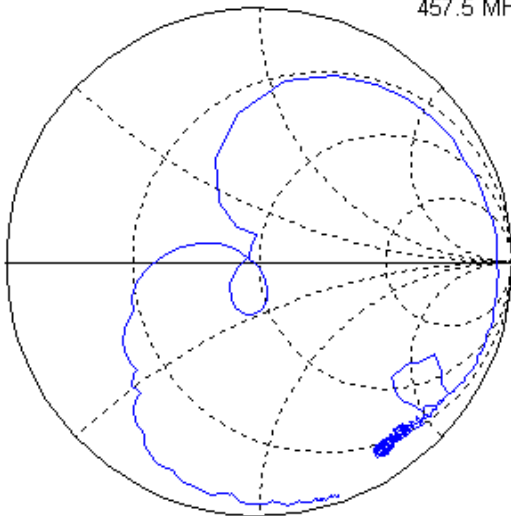


VSWR



Smith Chart

S11 $38.9201 - j 8.6682$
457.5 MHz



S22 $38.876 - j 7.4418$
457.5 MHz

