

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

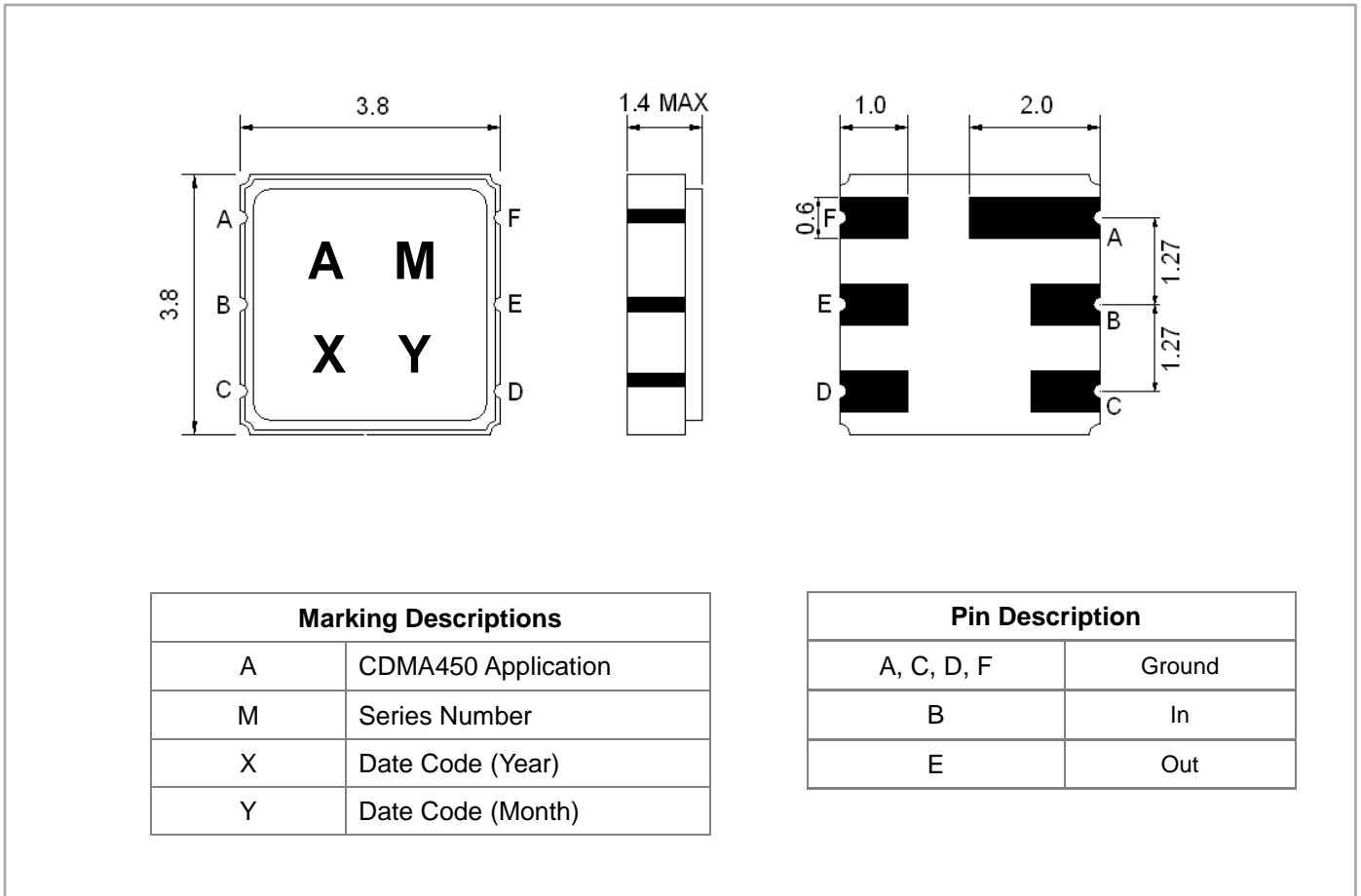
Electrical Characteristics

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	-	-	27
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

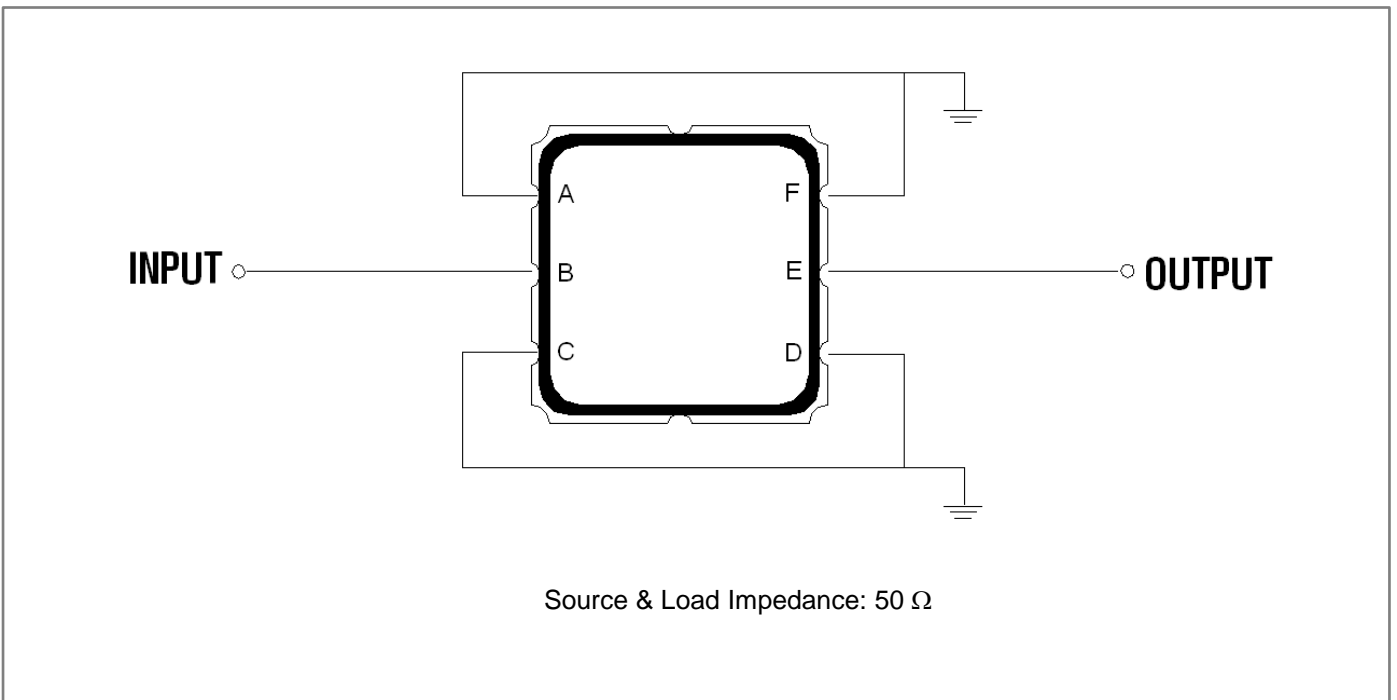
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	491.2	-
Insertion Loss in 489.0 ~493.5 MHz	dB	-	2.5	3.5
Attenuation:				
0.3 ~ 479.0 MHz	dB	40	50	-
479.0 ~ 483.5 MHz	dB	35	49	-
515.0 ~ 800.0 MHz	dB	40	49	-
800.0 ~ 1200 MHz	dB	30	42	-
1200 ~ 2000 MHz	dB	20	35	-
VSWR in 489.0 ~ 493.5 MHz	-	-	1.5	2.0

Notes : (1) No Matching Network

Package Dimensions

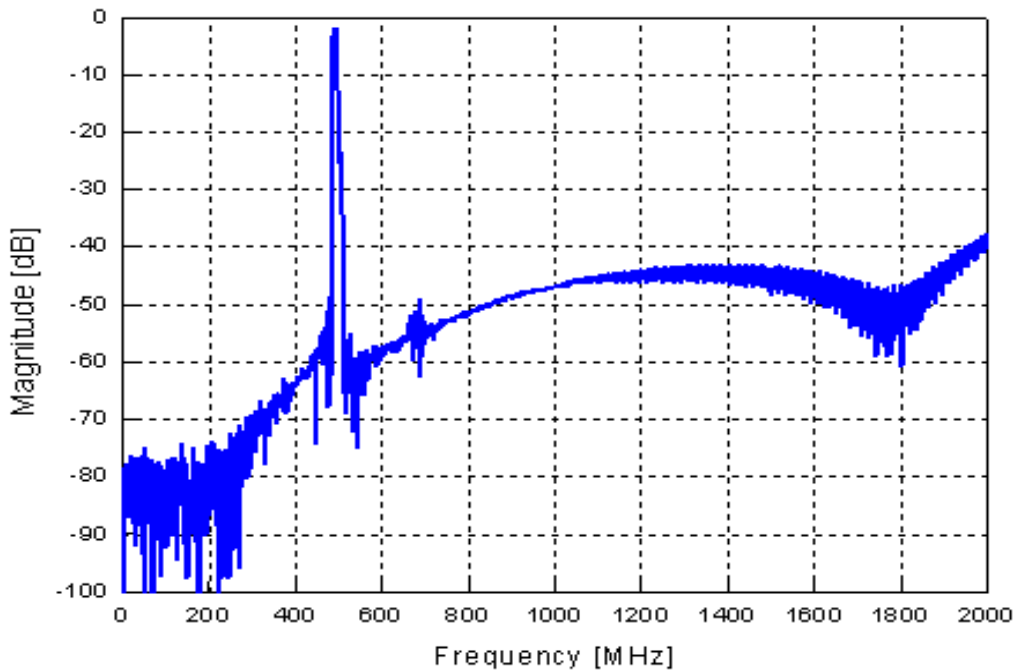
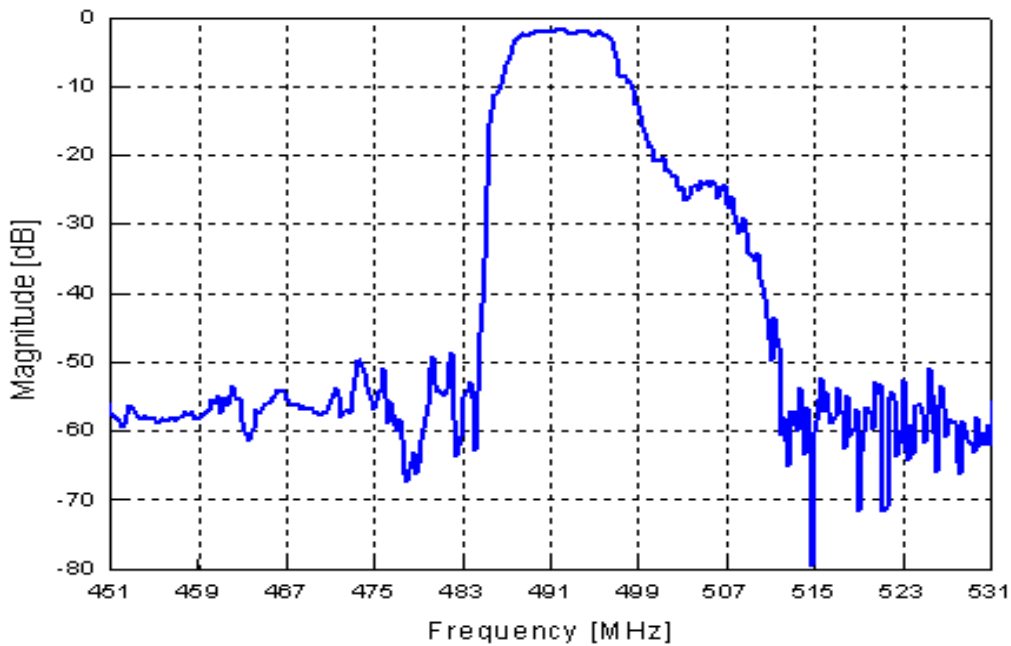


Testing Environment

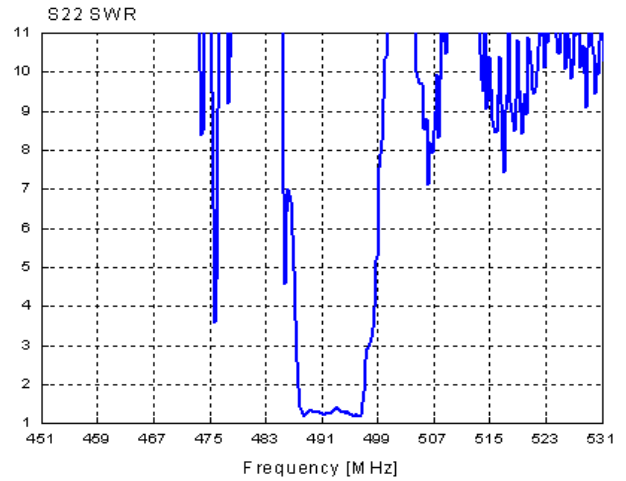
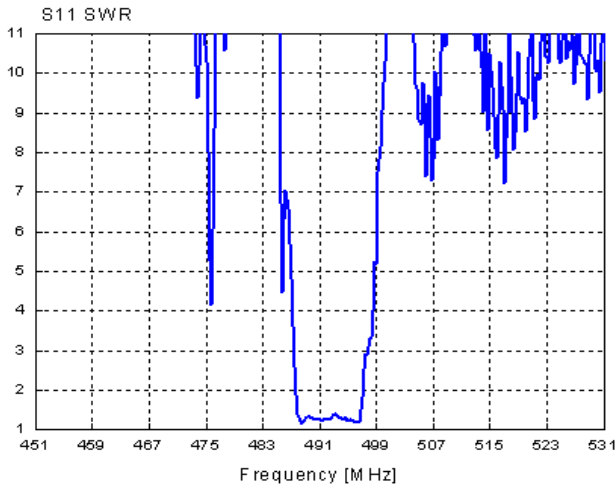


Frequency Characteristics

Frequency Response

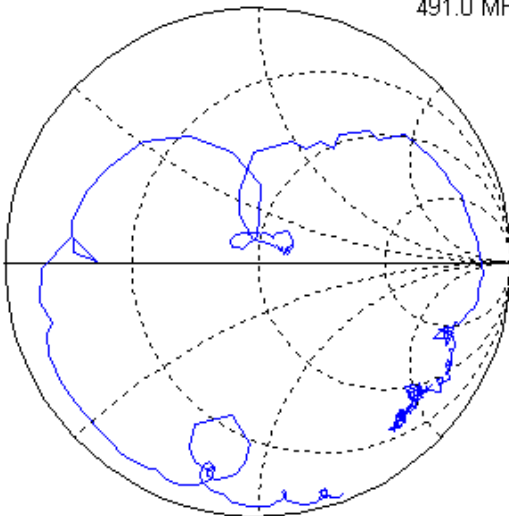


VSWR



Smith Chart

S11 $48.4479 + j11.4963$
491.0 MHz



S22 $49.0577 + j11.5532$
491.0 MHz

