

- Wireless, RF SAW Filter
- Revision 0: December 2004

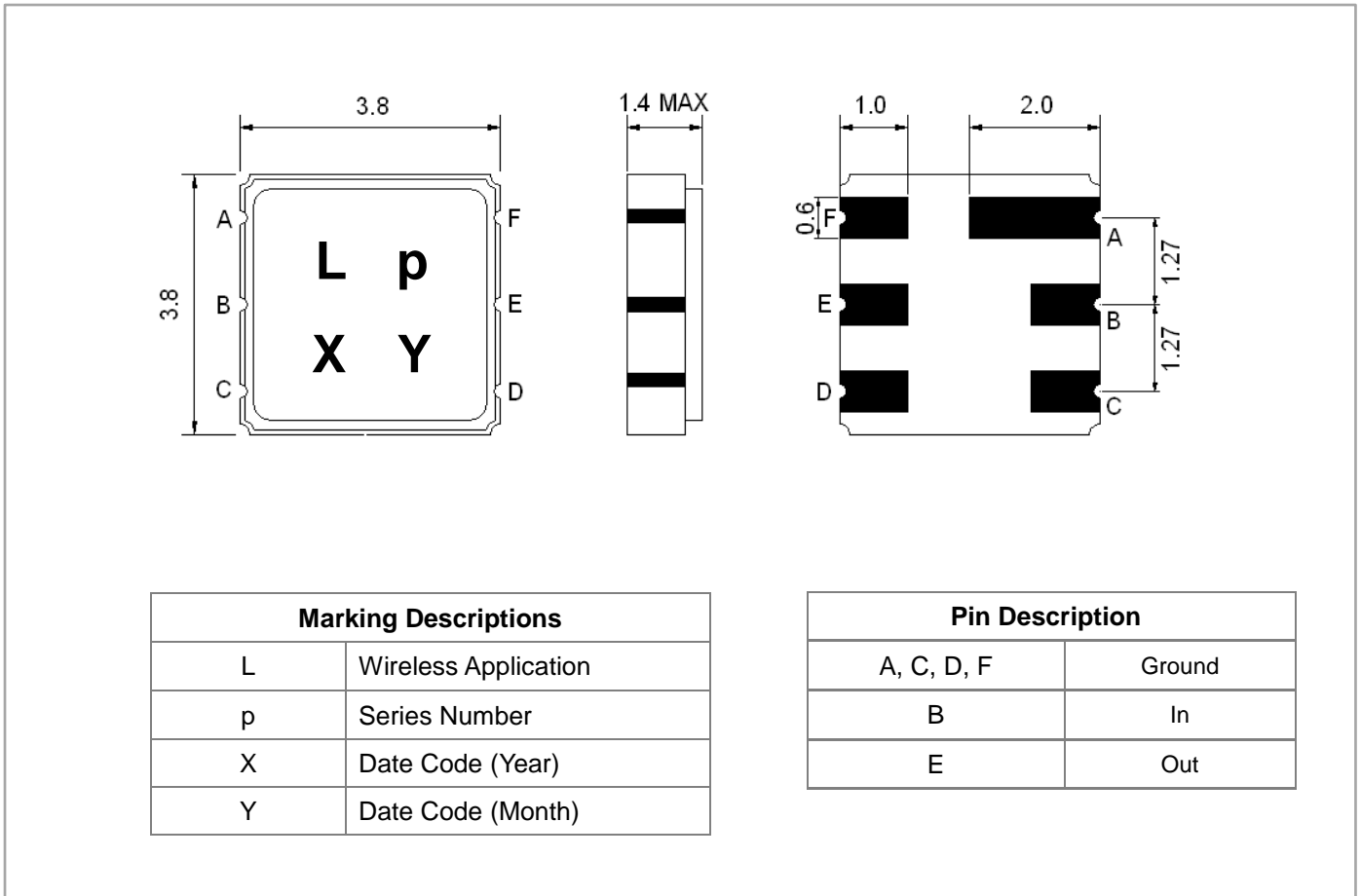
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+50
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	13
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

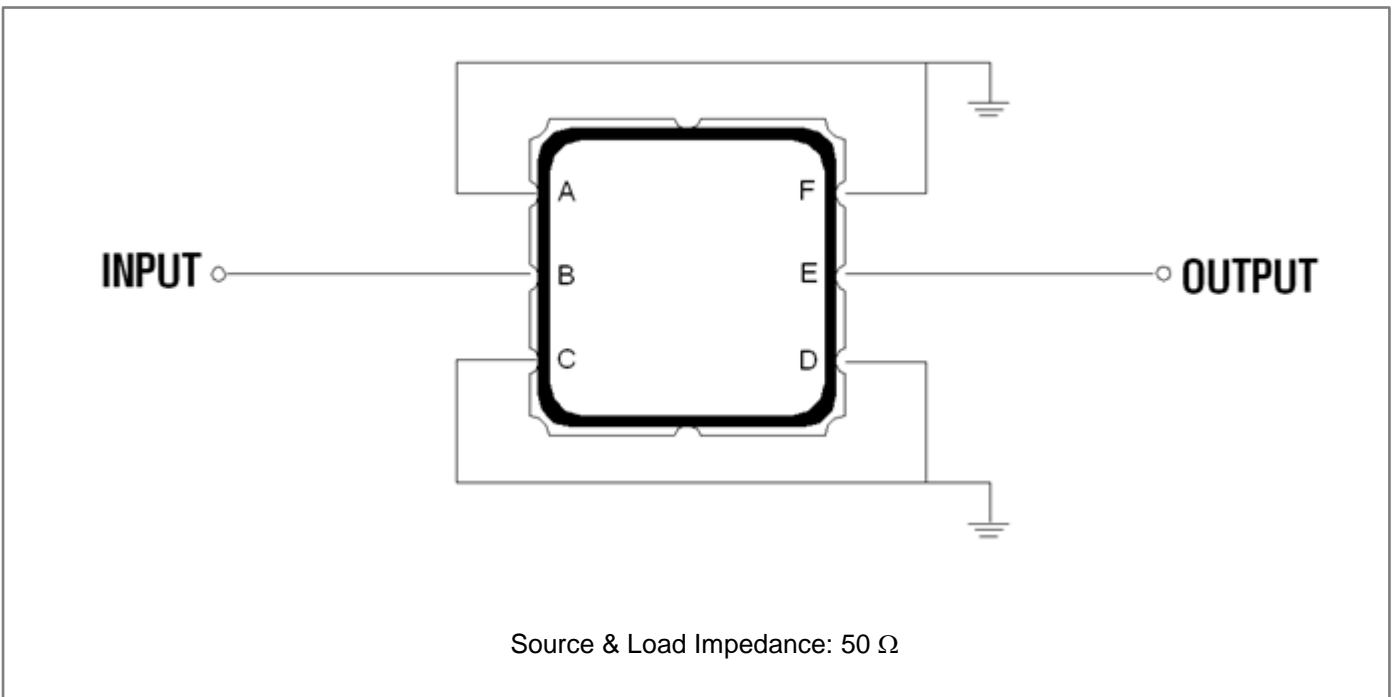
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1415.0	-
Insertion Loss within 1395 ~ 1432 MHz	dB	-	3.5	4.5
Amplitude Ripple within 1395 ~ 1432 MHz	dB _{p-p}	-	1.0	2.0
Attenuation:				
D.C. ~ 900 MHz	dB	50	60	-
900 ~ 960 MHz	dB	50	60	-
960 ~ 1320 MHz	dB	40	55	-
1500 ~ 1860 MHz	dB	30	45	-
1860 ~ 1910 MHz	dB	40	50	-
1910 ~ 3000 MHz	dB	30	35	-
VSWR within 1395 ~ 1432 MHz	-	-	2.0	2.5

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Dimensions

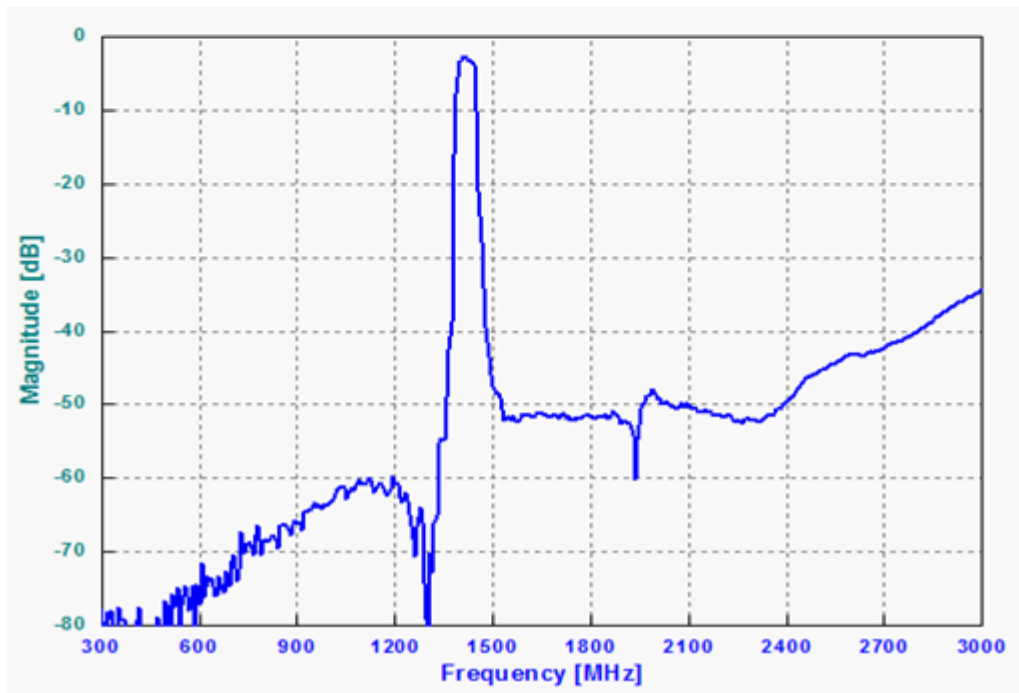
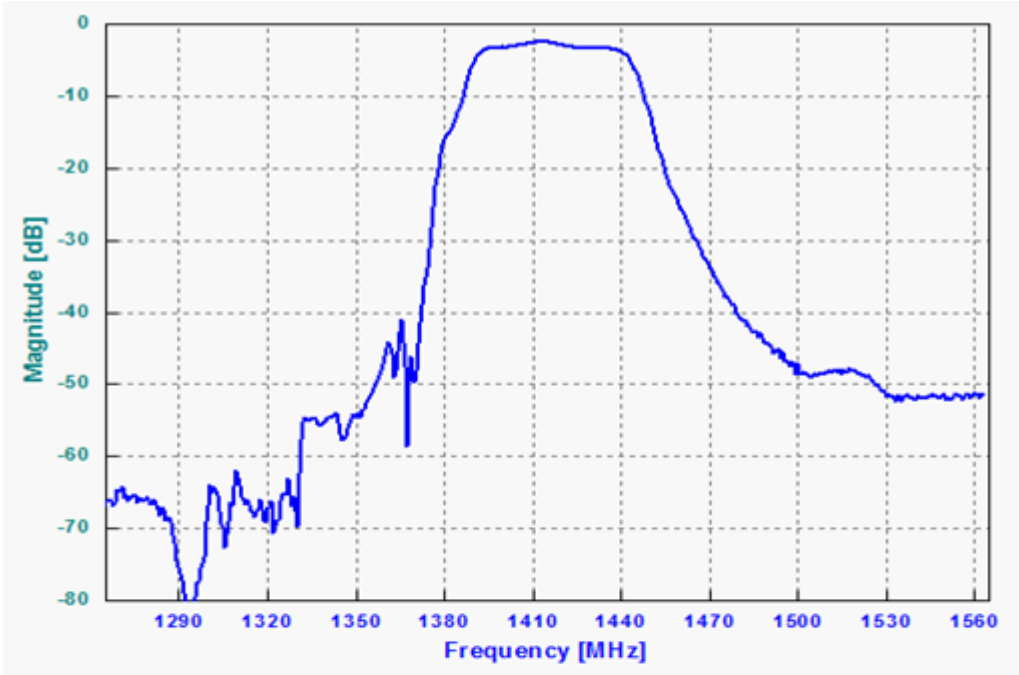


Testing Environment

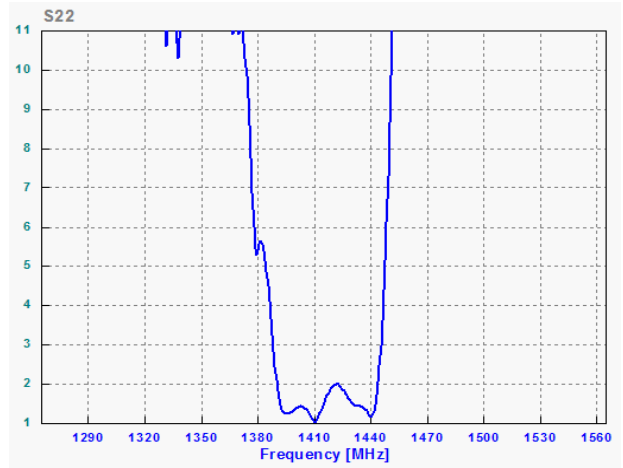
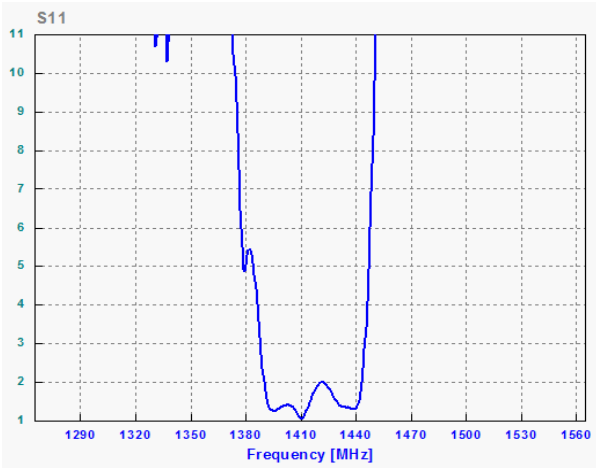


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

