

- Wireless, RF SAW Filter
- Revision 0: September 2010

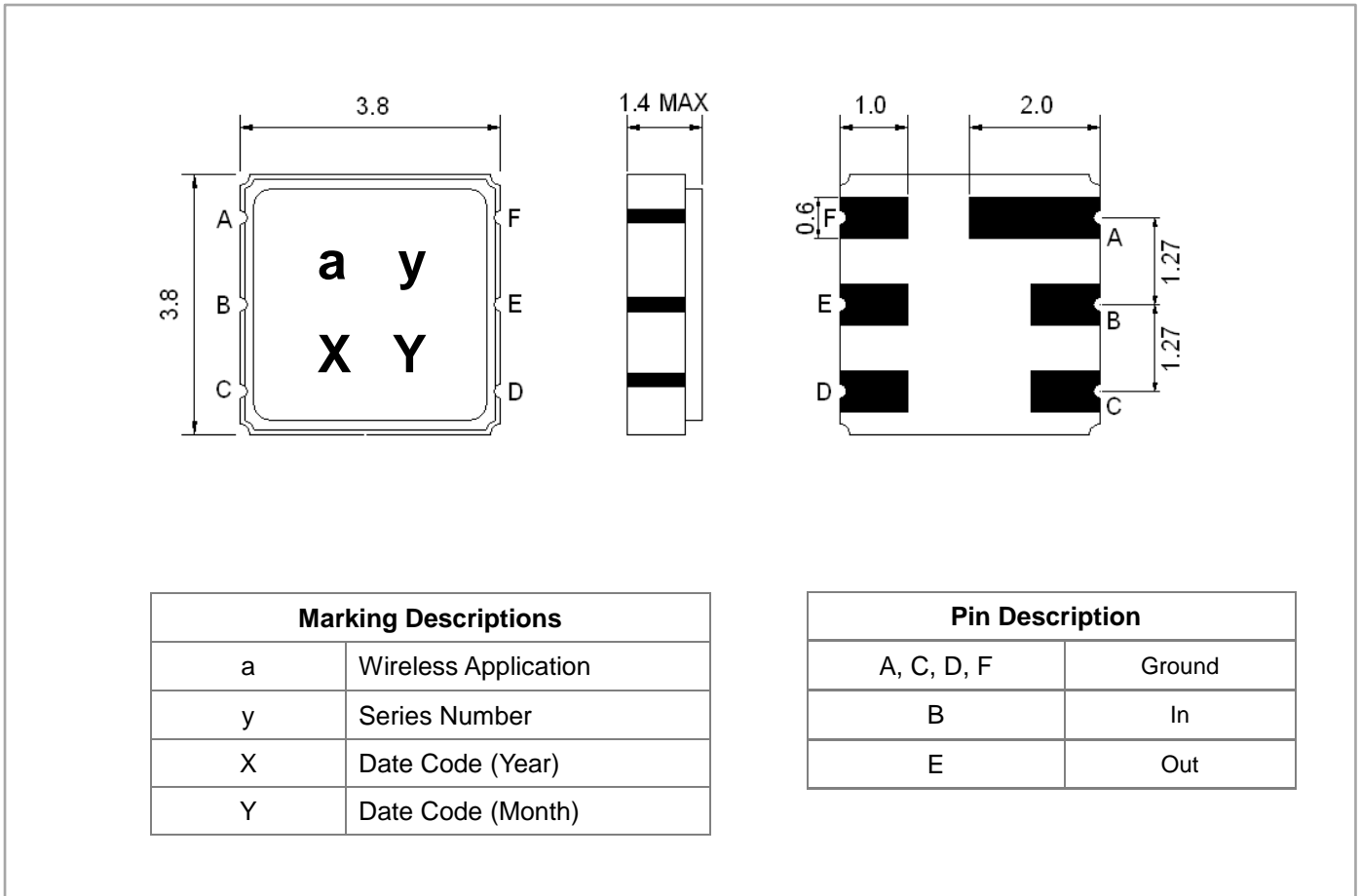
Electrical Characteristics

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

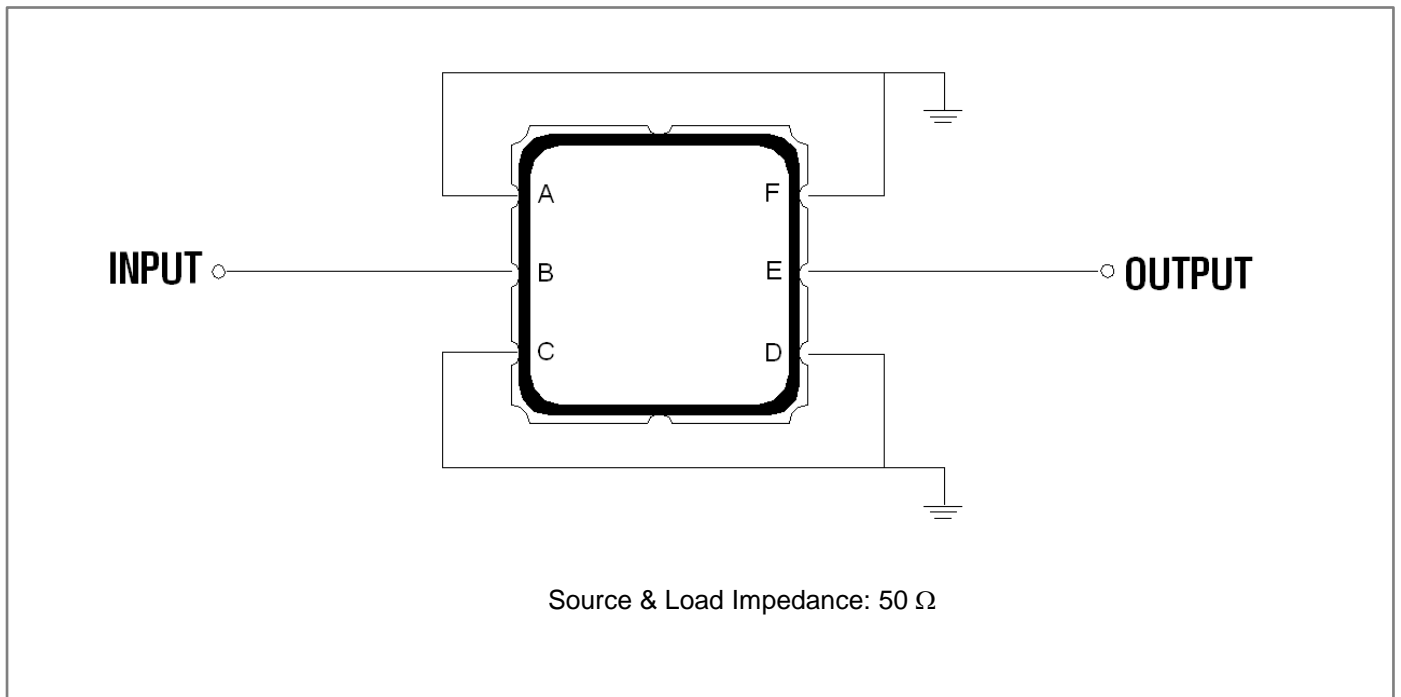
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	442.5	-
Insertion Loss within 440.0 ~445.0 MHz	dB	-	1.7	3.2
Amplitude within 440.0 ~445.0 MHz	dB _{p-p}	-	0.7	1.2
Stop Band Attenuation:				
0.3 ~ 430.0 MHz	dB	28	32	-
450.0 ~ 455.0 MHz	dB	30	40	-
455.0 ~ 500.0 MHz	dB	25	35	-
VSWR within 440.0 ~ 445.0 MHz	-	-	1.6	2.0

Notes : (1) No Matching Network

Package Dimensions

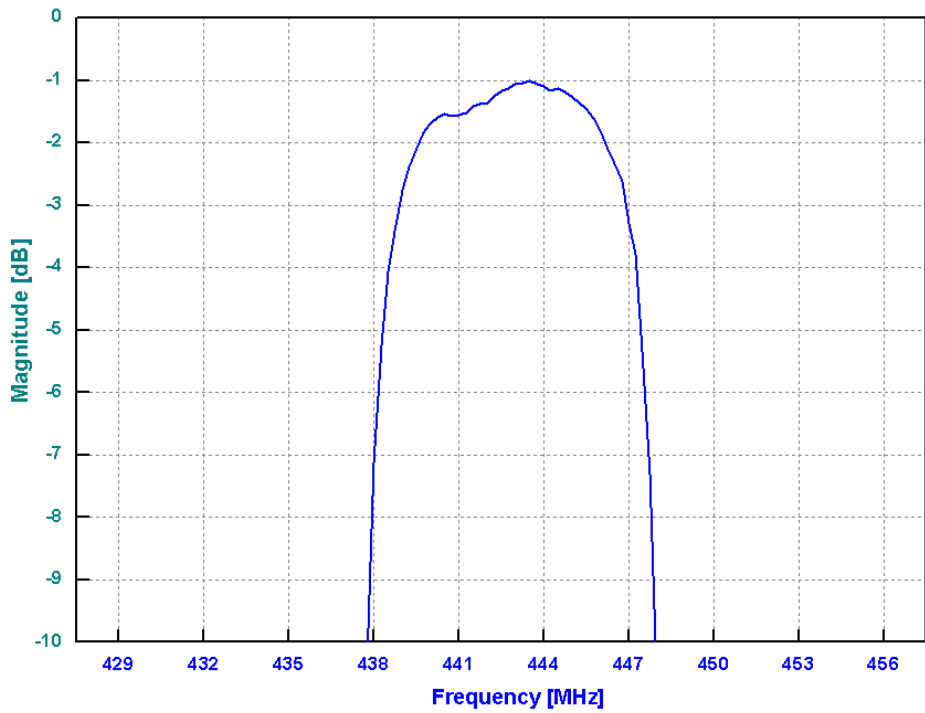
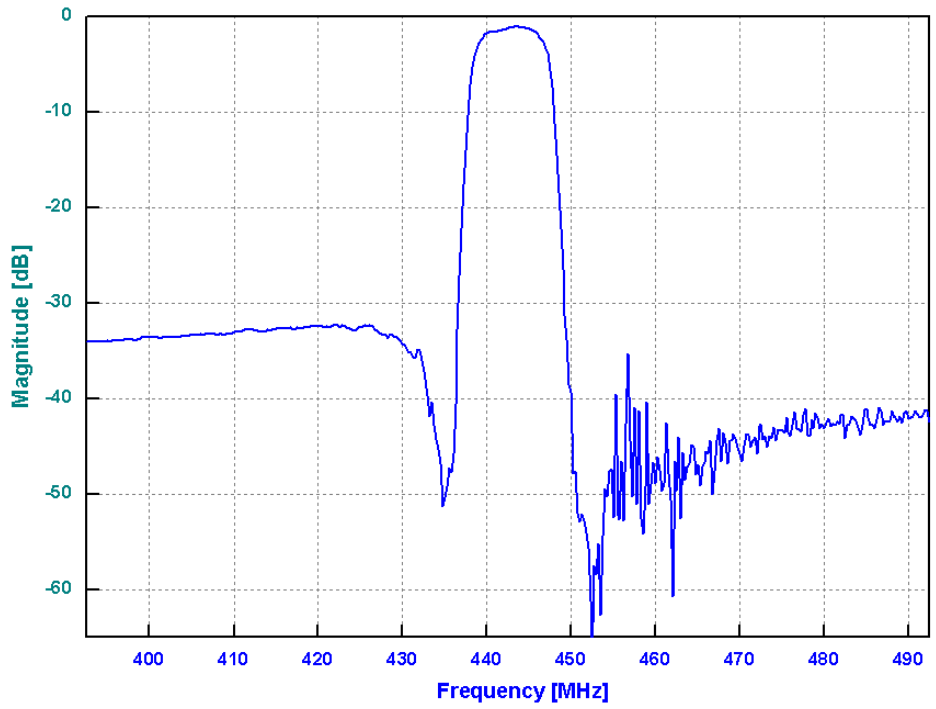


Testing Environment

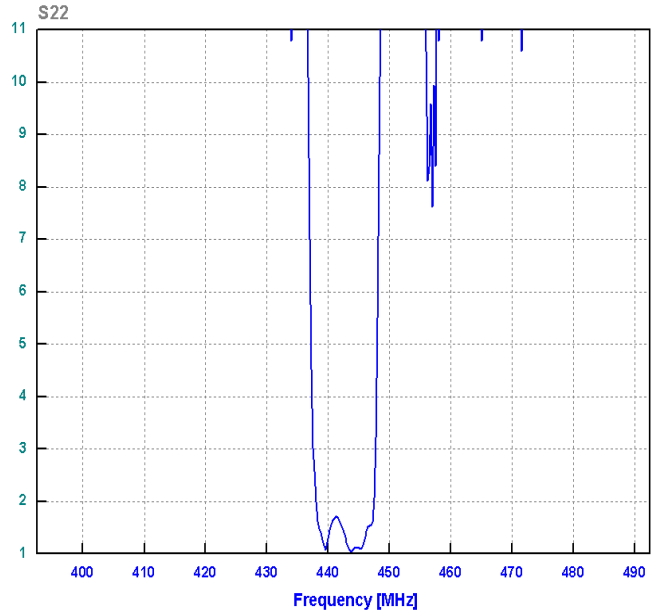
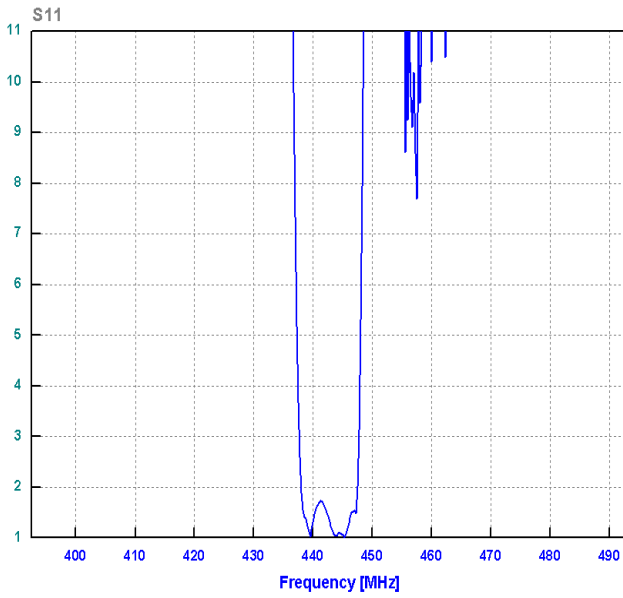


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

