

- Wireless, RF SAW Filter
- Revision 0: April 2005

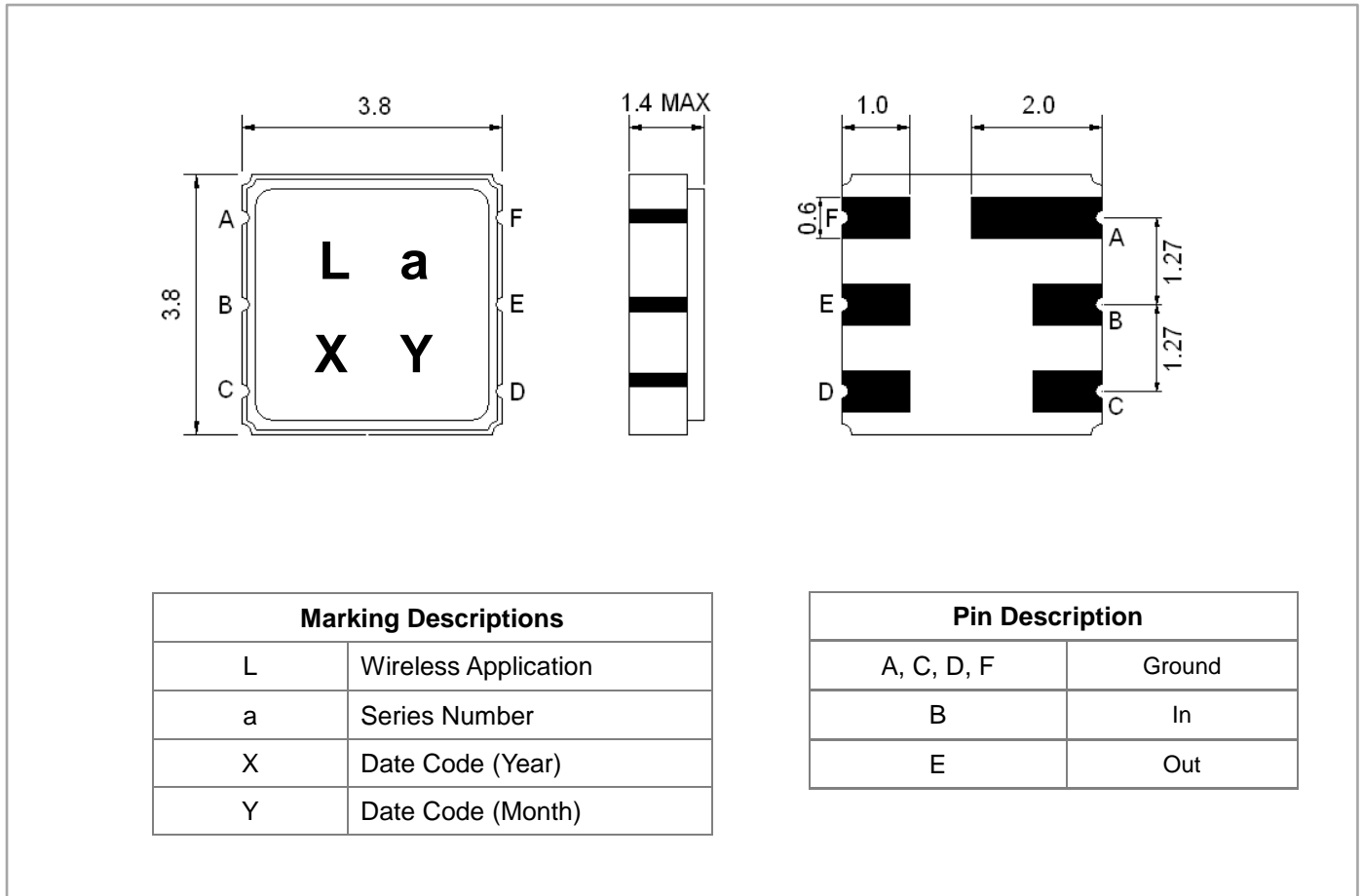
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+65
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
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

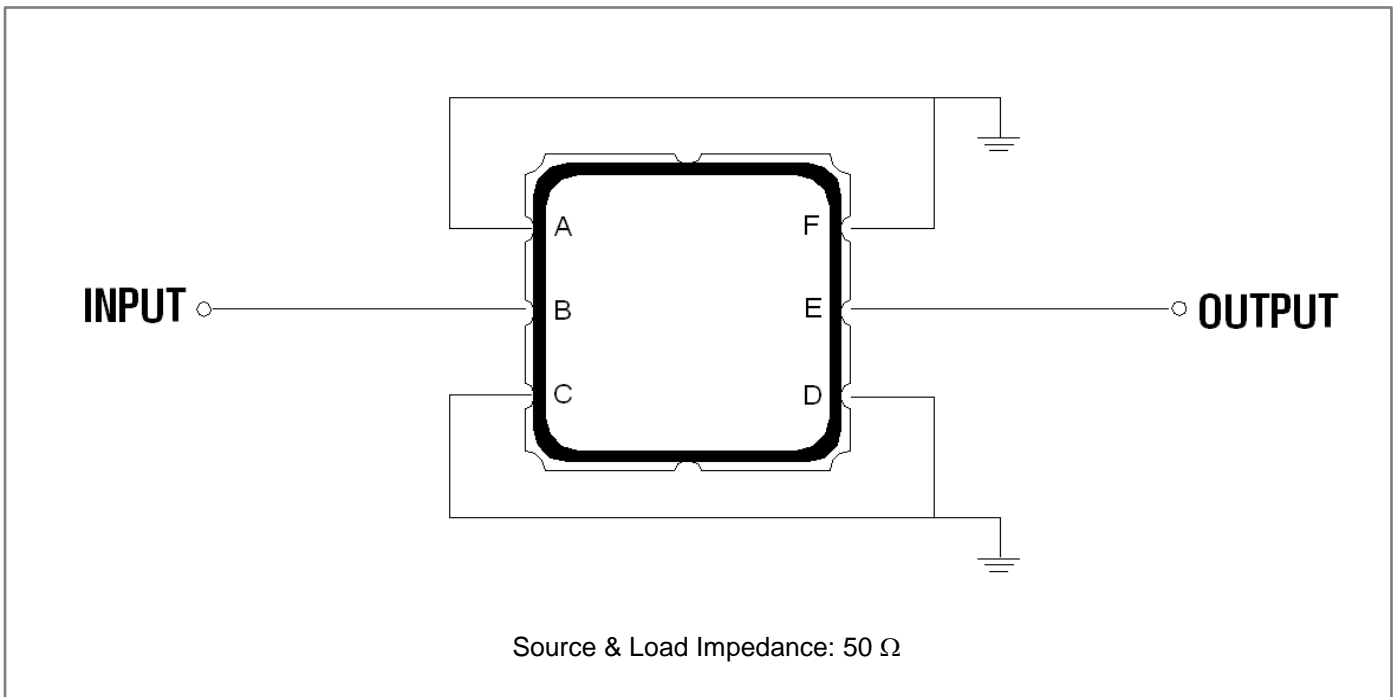
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	930.5	-
Insertion Loss (928.5 ~ 932.5 MHz)	dB	-	2.2	3.0
Amplitude Ripple within 928.5 ~ 932.5 MHz	dB _{p-p}	-	0.3	1.0
Attenuation:				
Fo-200.0 ~ Fo-40.8 MHz	dB	50	55	-
Fo+50.0 ~ Fo+200.0 MHz	dB	40	48	-
VSWR (928.5 ~ 932.5 MHz)	-	-	1.4	2.0

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

Package Dimensions

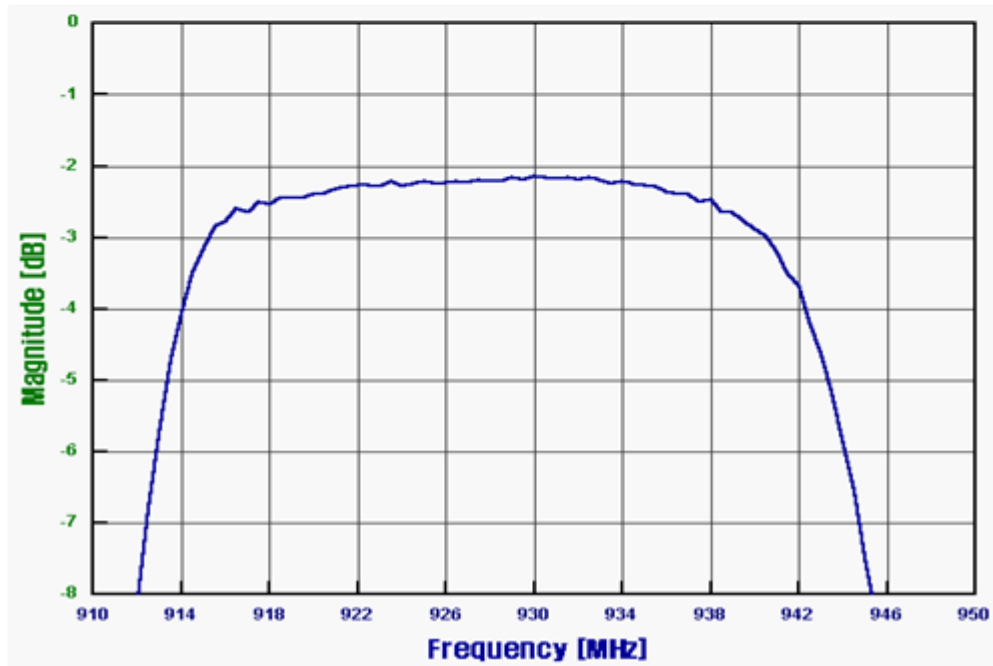
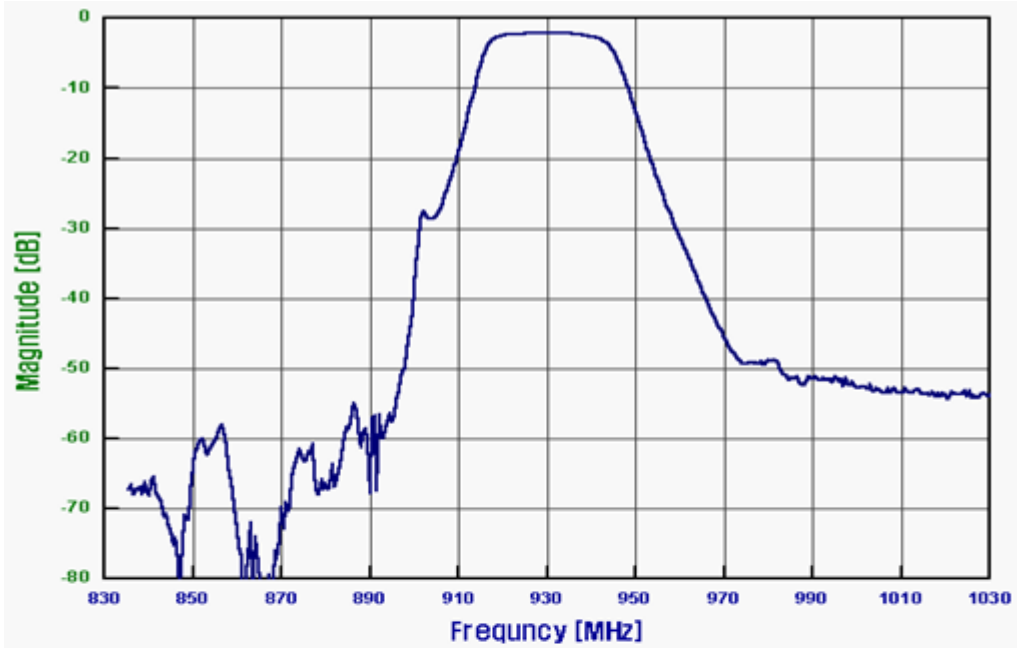


Testing Environment

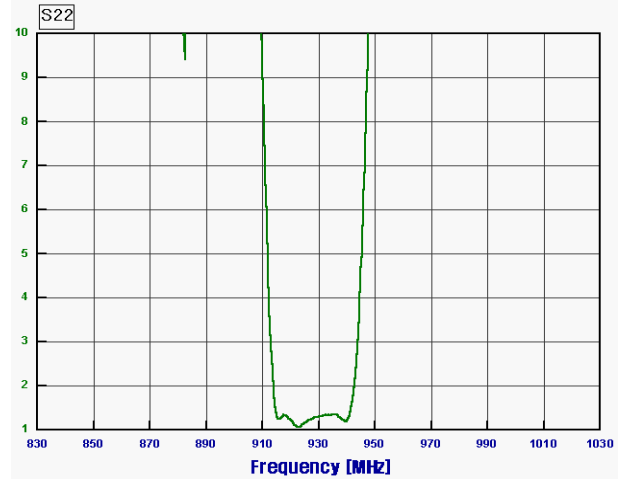
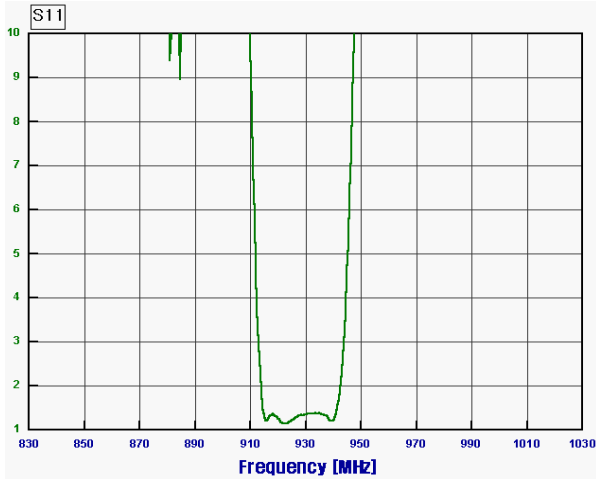


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

