

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

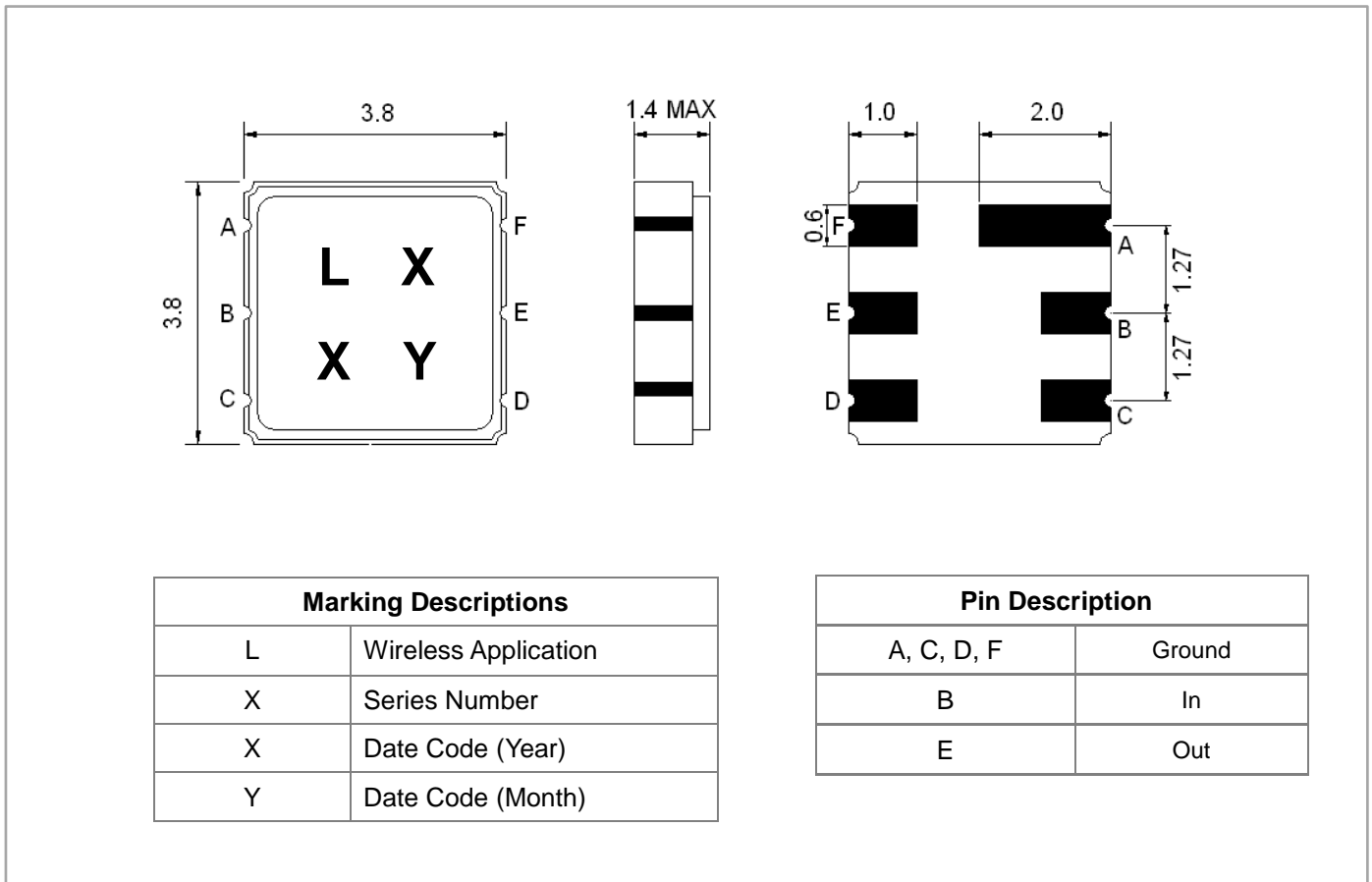
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	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

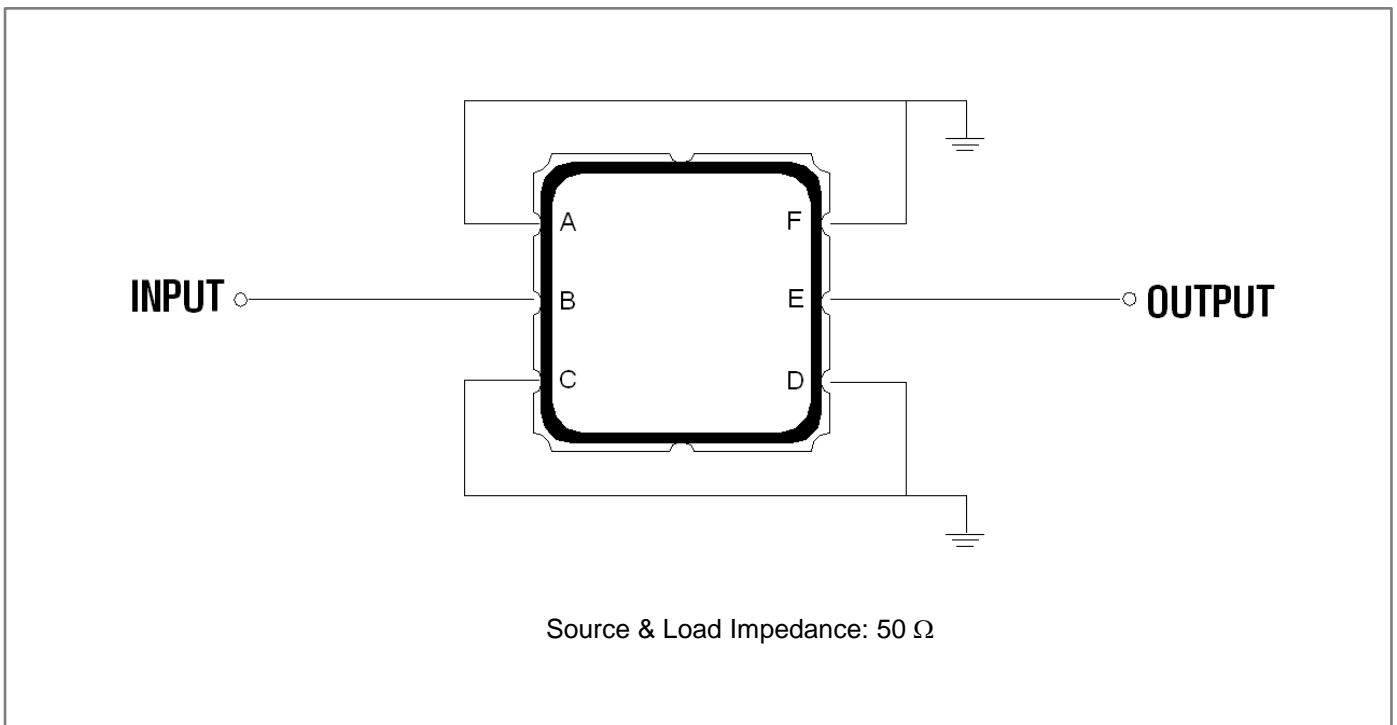
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	914.0	-
Insertion Loss within 910 ~ 918 MHz	dB	-	3.3	4.0
Amplitude Ripple within 910 ~ 918 MHz	dB _{p-p}	-	0.7	2.0
Attenuation:				
869 ~ 873 MHz	dB	40	48	-
891 ~ 894 MHz	dB	30	45	-
934 ~ 937 MHz	dB	18	28	-
955 ~ 960 MHz	dB	40	48	-
VSWR within 910 ~ 918 MHz	-	-	2.0	2.5

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

Package Dimensions

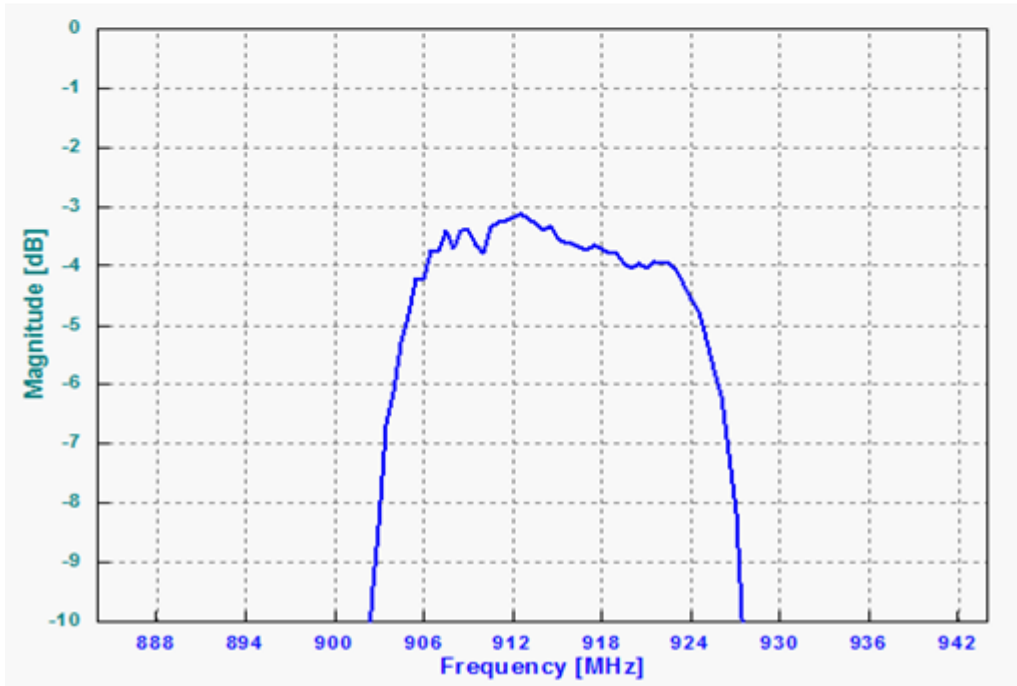
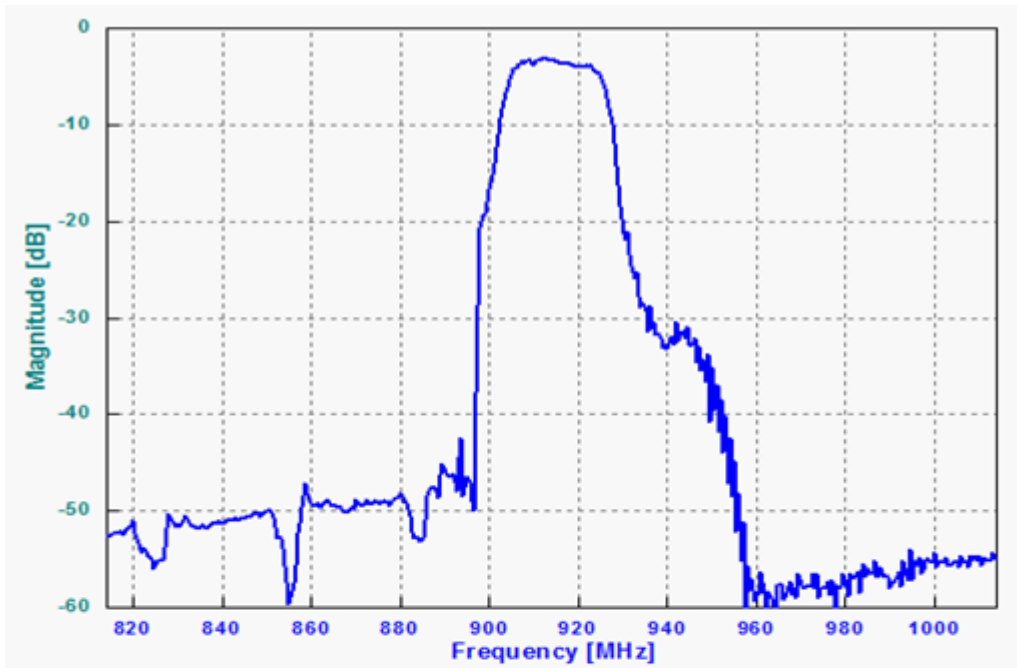


Testing Environment

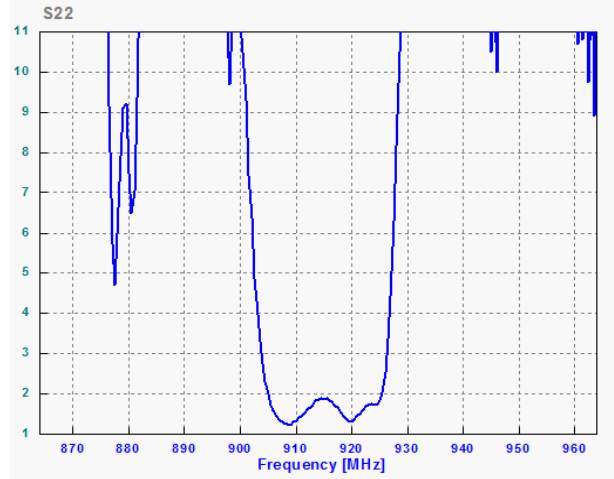
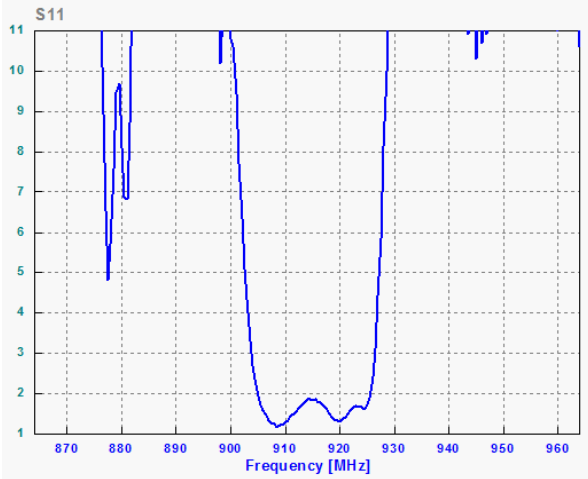


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

