

- Wireless, RF SAW Filter
- Revision 0: June 2008

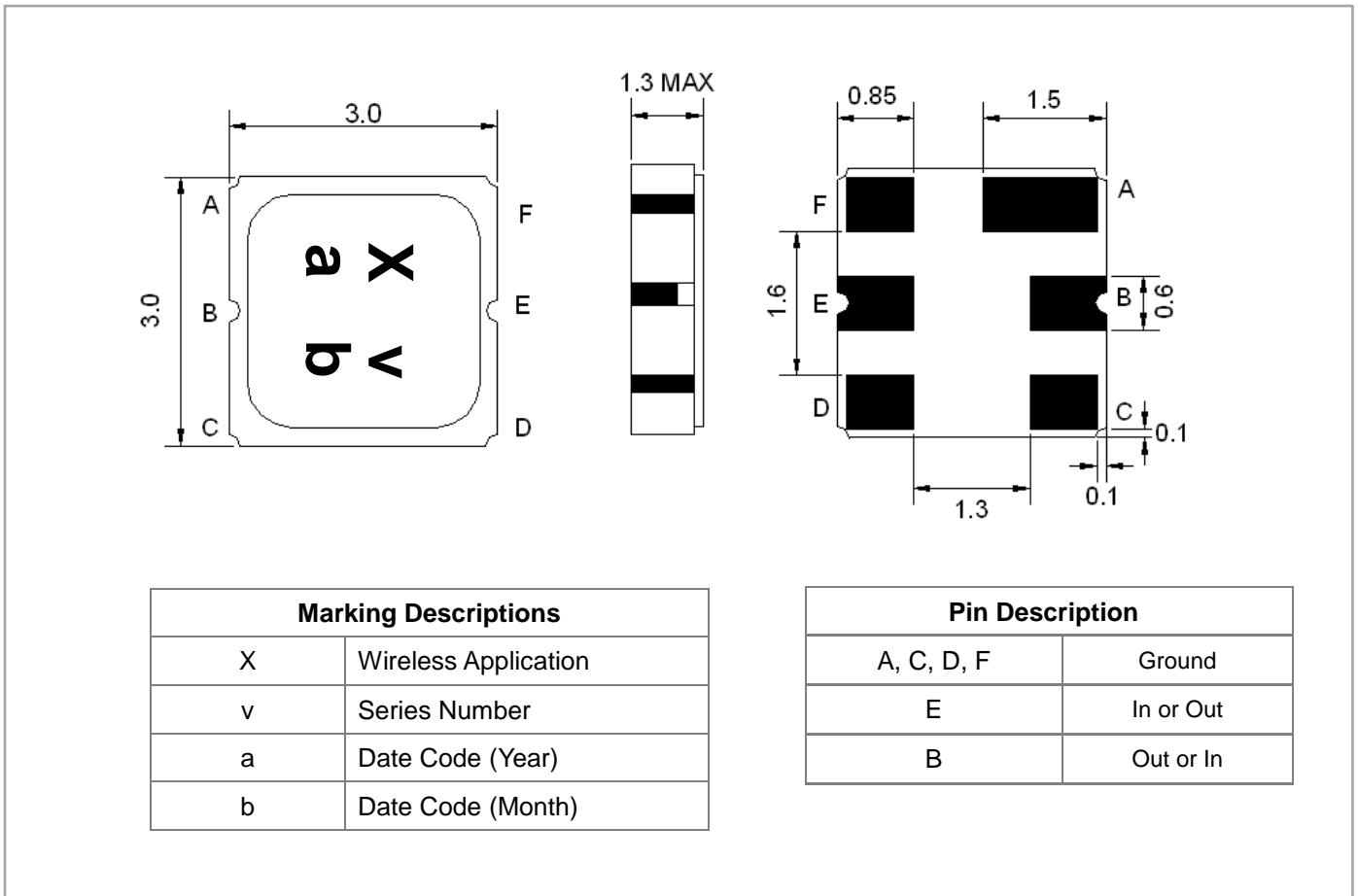
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	-
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

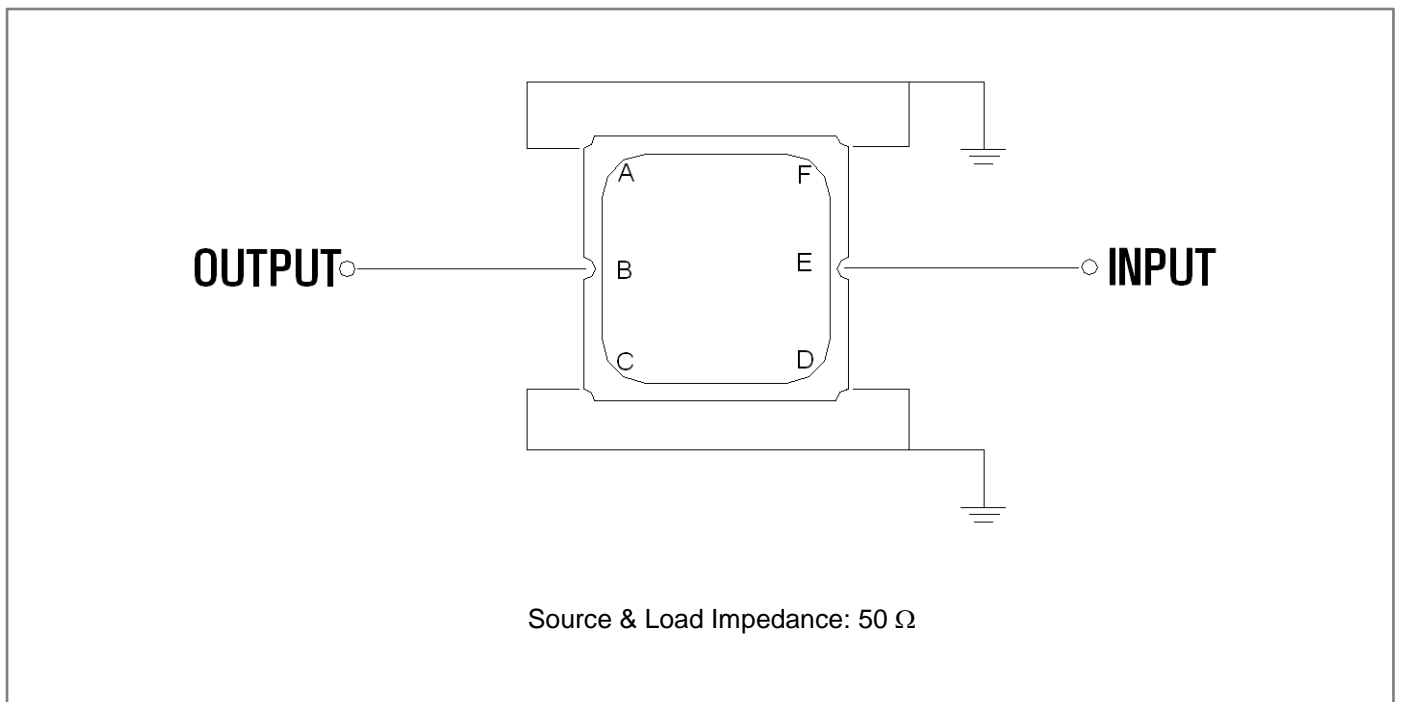
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	915.0	-
Insertion Loss within 902.0 ~ 928.0 MHz	dB	-	1.8	3.0
Amplitude Ripple within 902.0 ~ 928.0 MHz	dB _{p-p}	-	1.0	2.0
Attenuation:				
D.C. ~ 800.0 MHz	dB	25	31	-
800.0 ~ 880.0 MHz	dB	25	32	-
950.0 ~ 1080.0 MHz	dB	25	33	-
1808.0 ~ 2000.0 MHz	dB	35	45	-
VSWR within 902.0 ~ 928.0 MHz	-	-	1.8	2.5

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

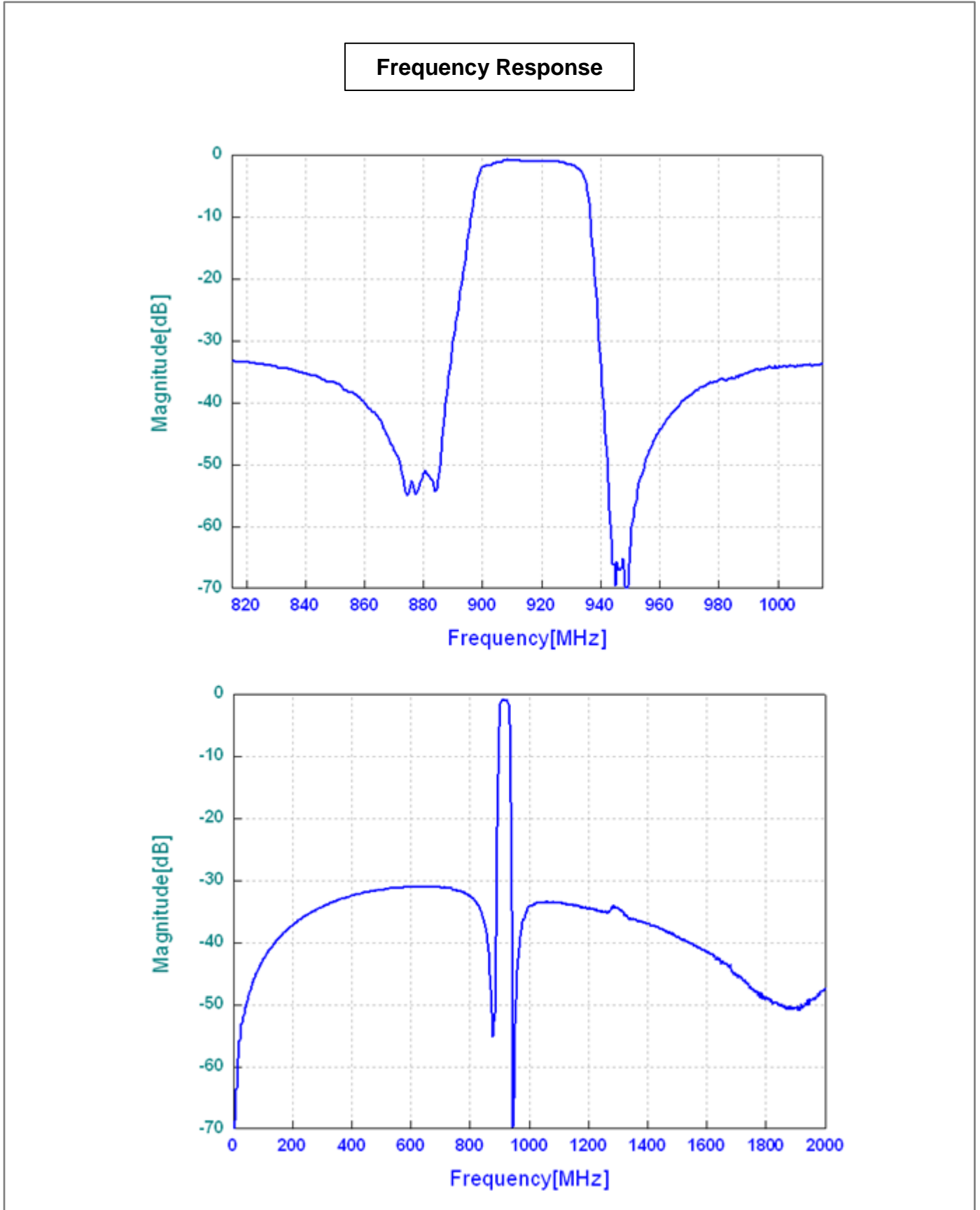
Package Dimensions



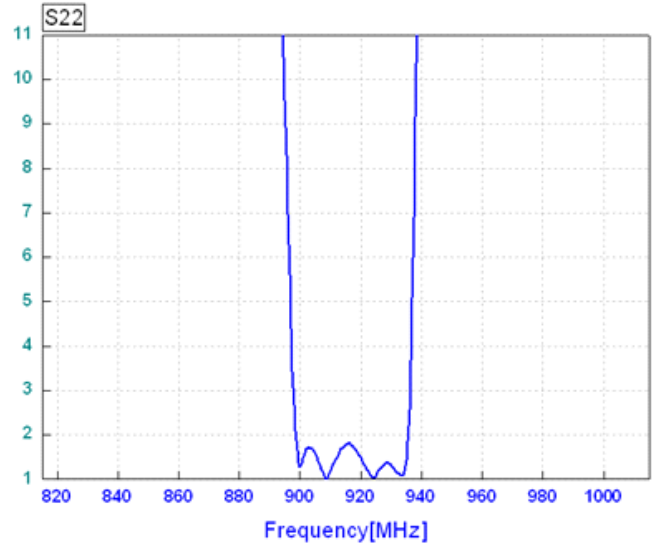
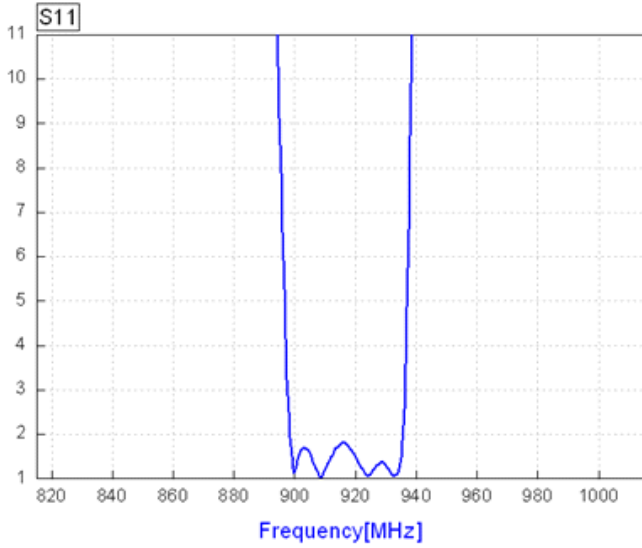
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

