

- Wireless, RF SAW Filter
- Revision 0: January 2009

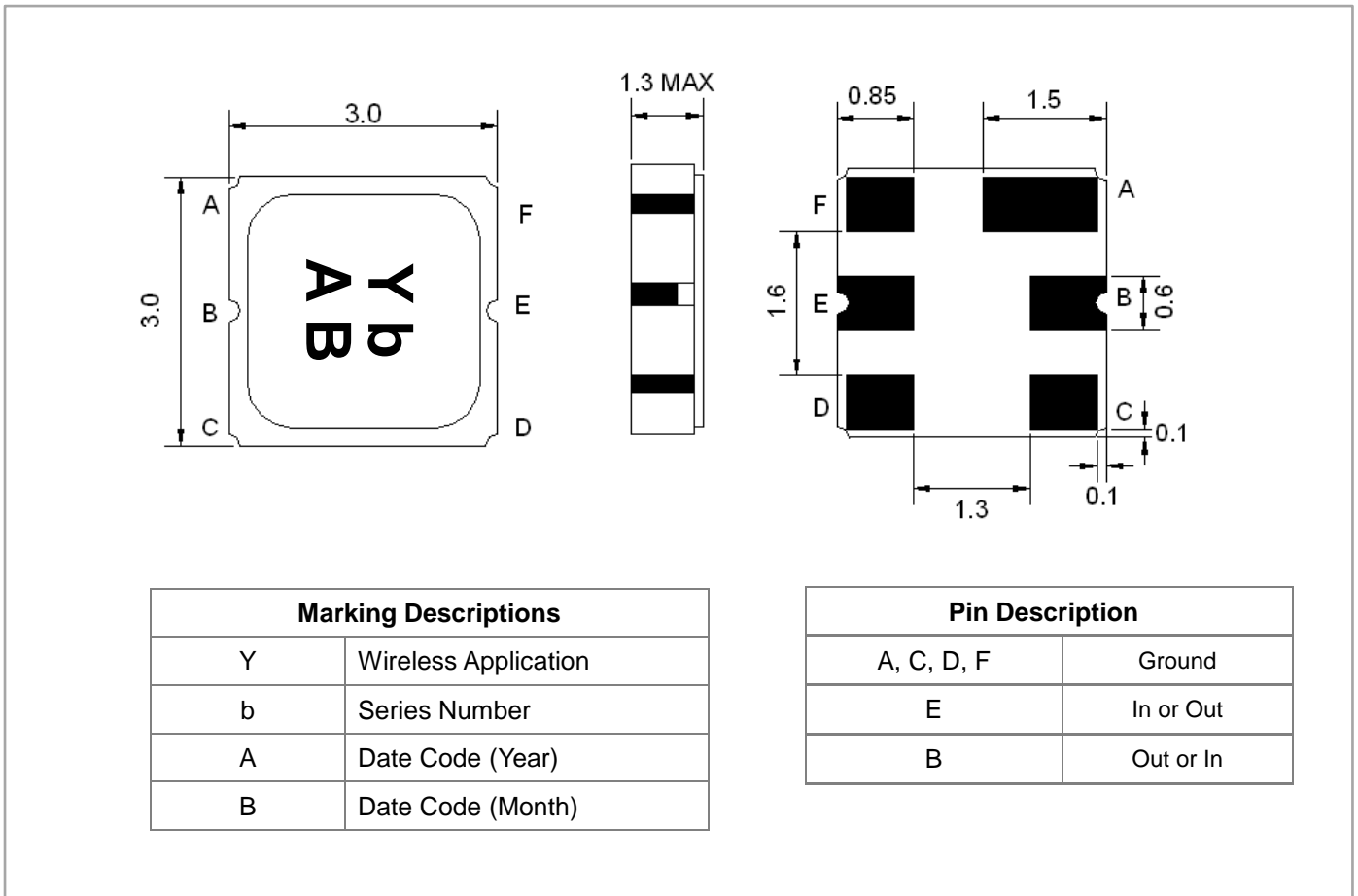
Electrical Characteristics

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	-	-	10
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

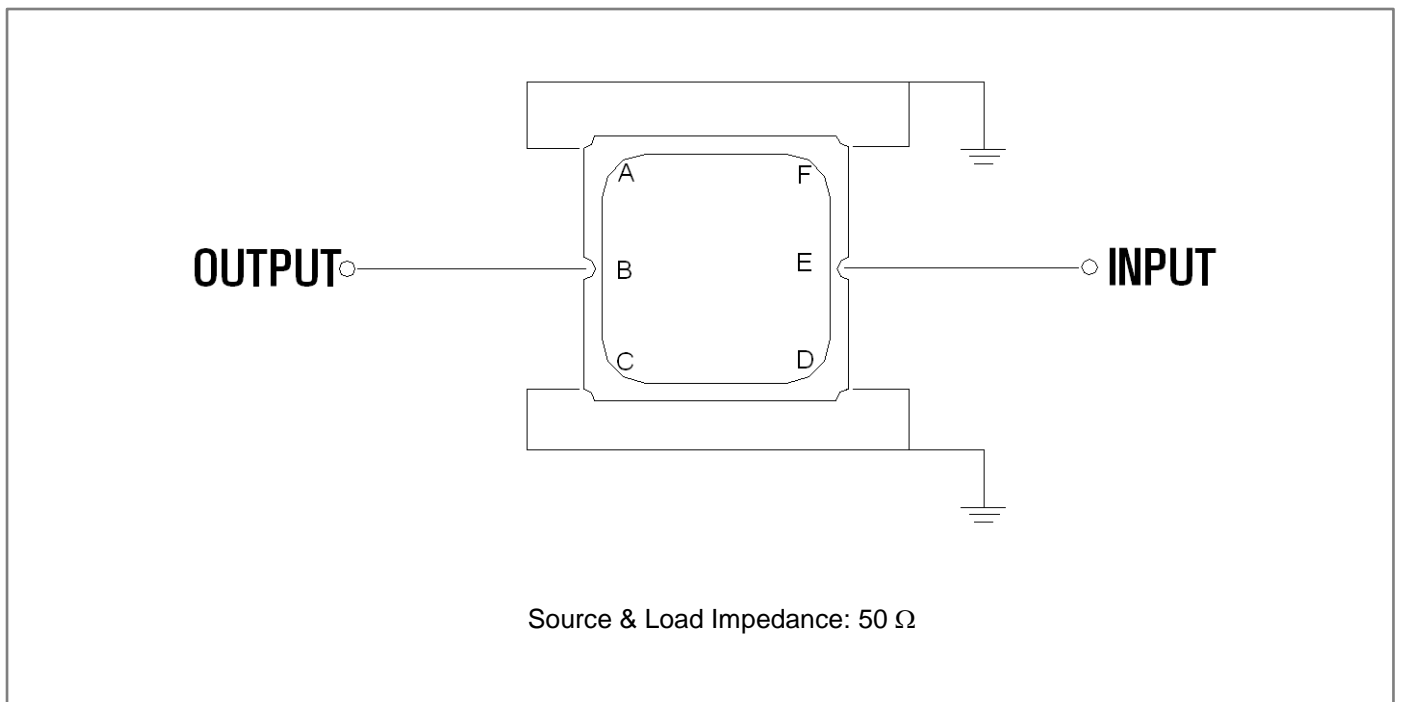
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	872.5	-
Insertion Loss within 865.0~880.0MHz	dB	-	1.4	2.0
Amplitude Ripple within 865.0~880.0MHz	dB _{p-p}	-	0.5	1.0
Attenuation:				
D.C ~ 770.0 MHz	dB	40	45	-
770.0 ~ 835.0 MHz	dB	37	41	-
905.0 ~ 950.0 MHz	dB	25	30	-
950.0 ~ 1040.0 MHz	dB	40	44	-
1040.0 ~ 2000.0 MHz	dB	30	35	-
VSWR within 865.0~880.0MHz	-	-	1.4	2.0

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

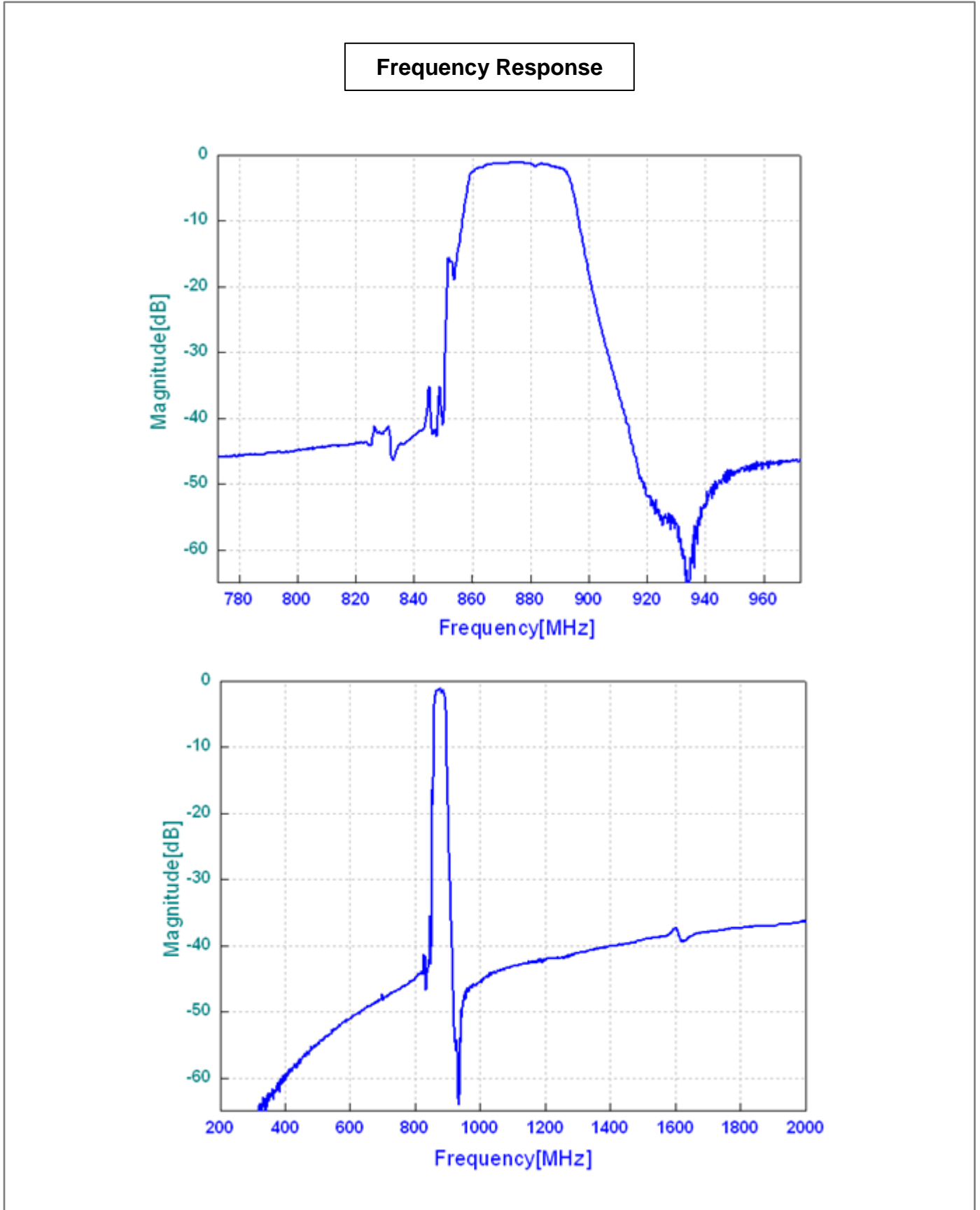
Package Dimensions



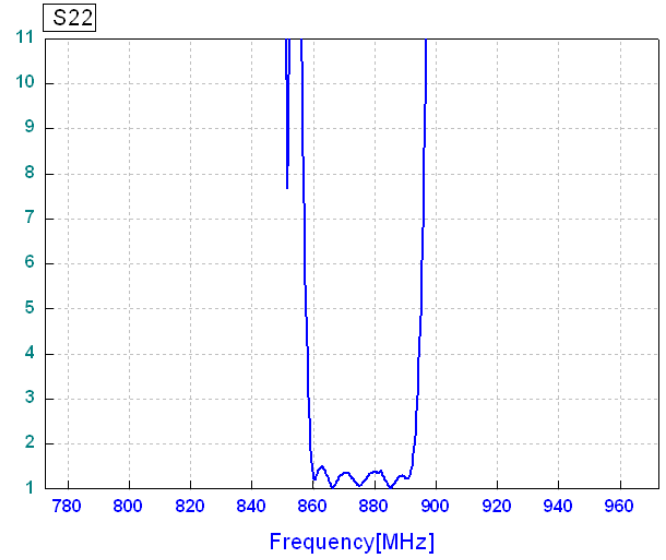
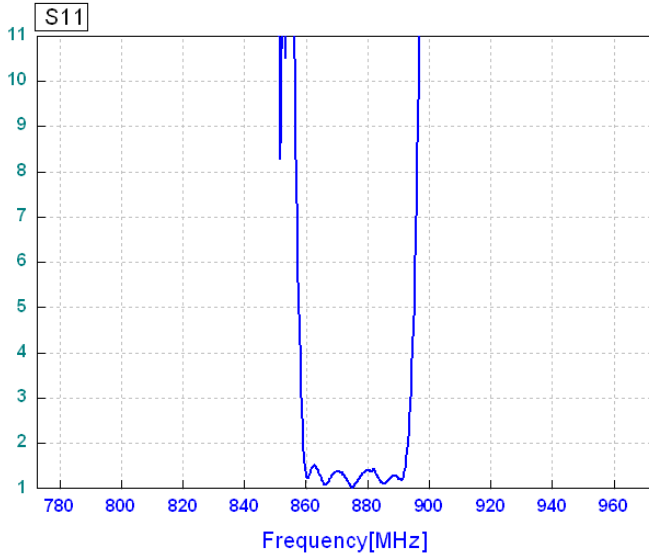
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

