

- Wireless, RF SAW Filter
- Revision 1: October 2009

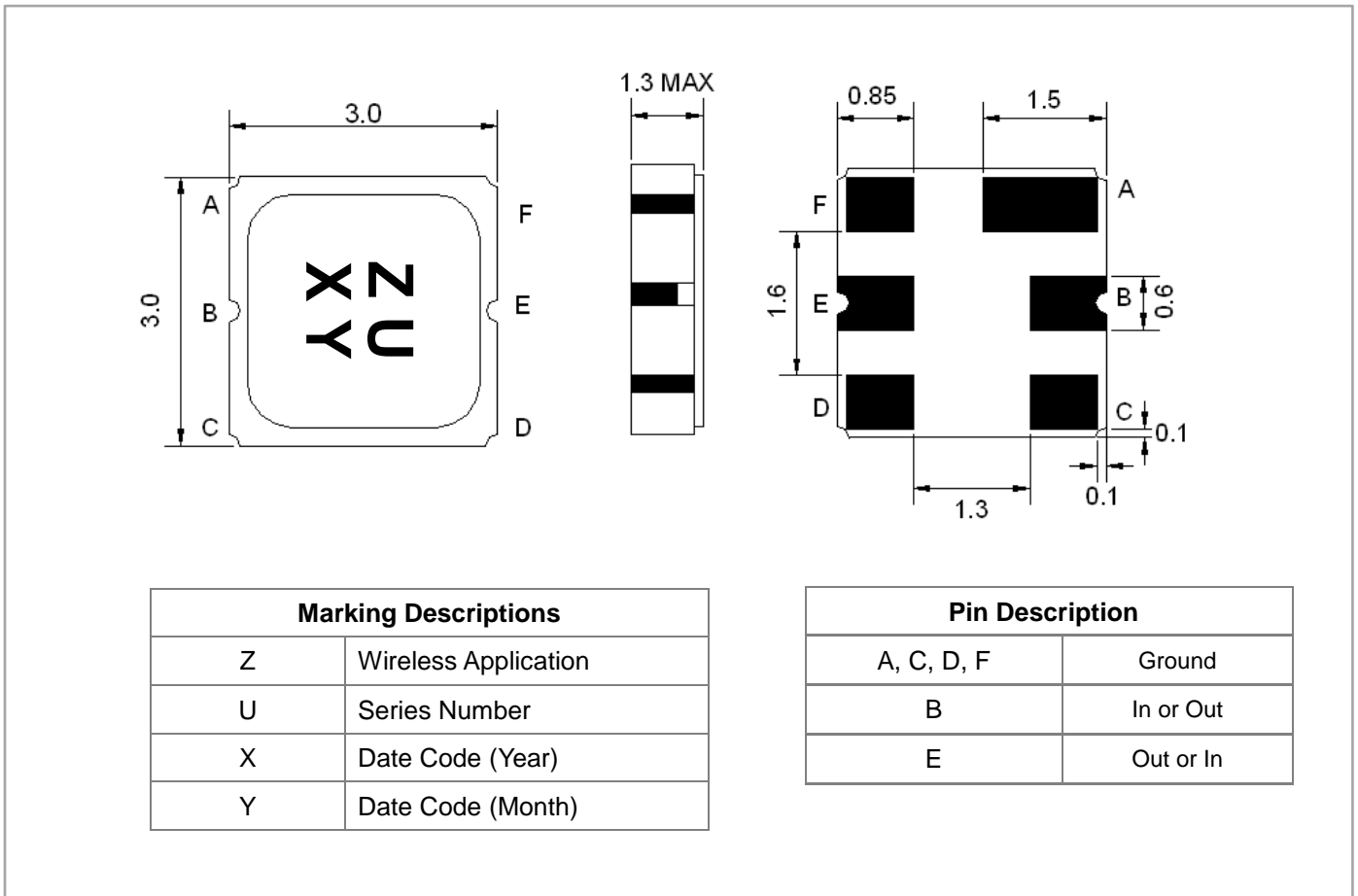
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+70
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

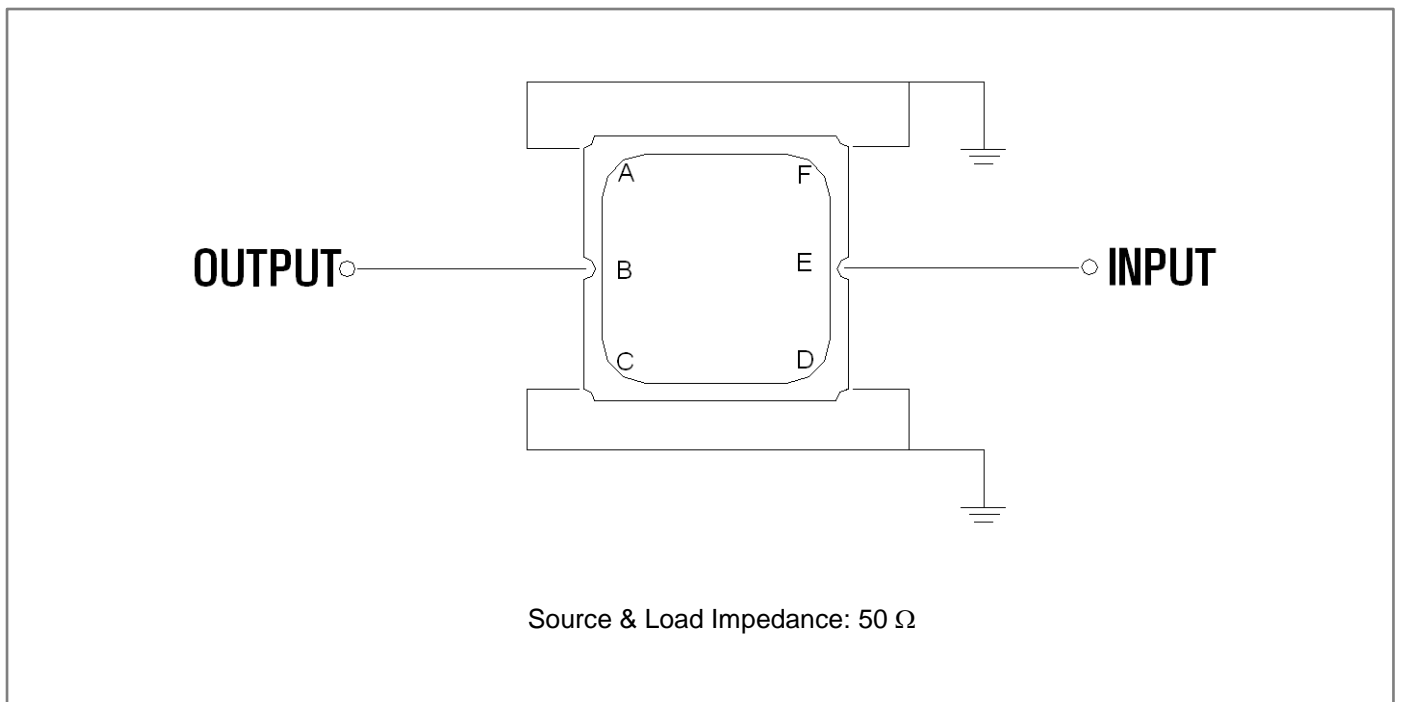
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	872.4	-
Insertion Loss within 870.4 ~ 874.4MHz	dB	-	2.5	3.0
Amplitude Ripple within 870.4 ~ 874.4MHz	dB _{p-p}	-	0.3	0.8
Attenuation:				
800.0 ~ 850.0 MHz	dB	40	50	-
861.05 MHz (Fo-11.35MHz)	dB	10	20	-
883.75 MHz (Fo+11.35MHz)	dB	10	20	-
890.0 ~ 950.0 MHz	dB	35	42	-

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

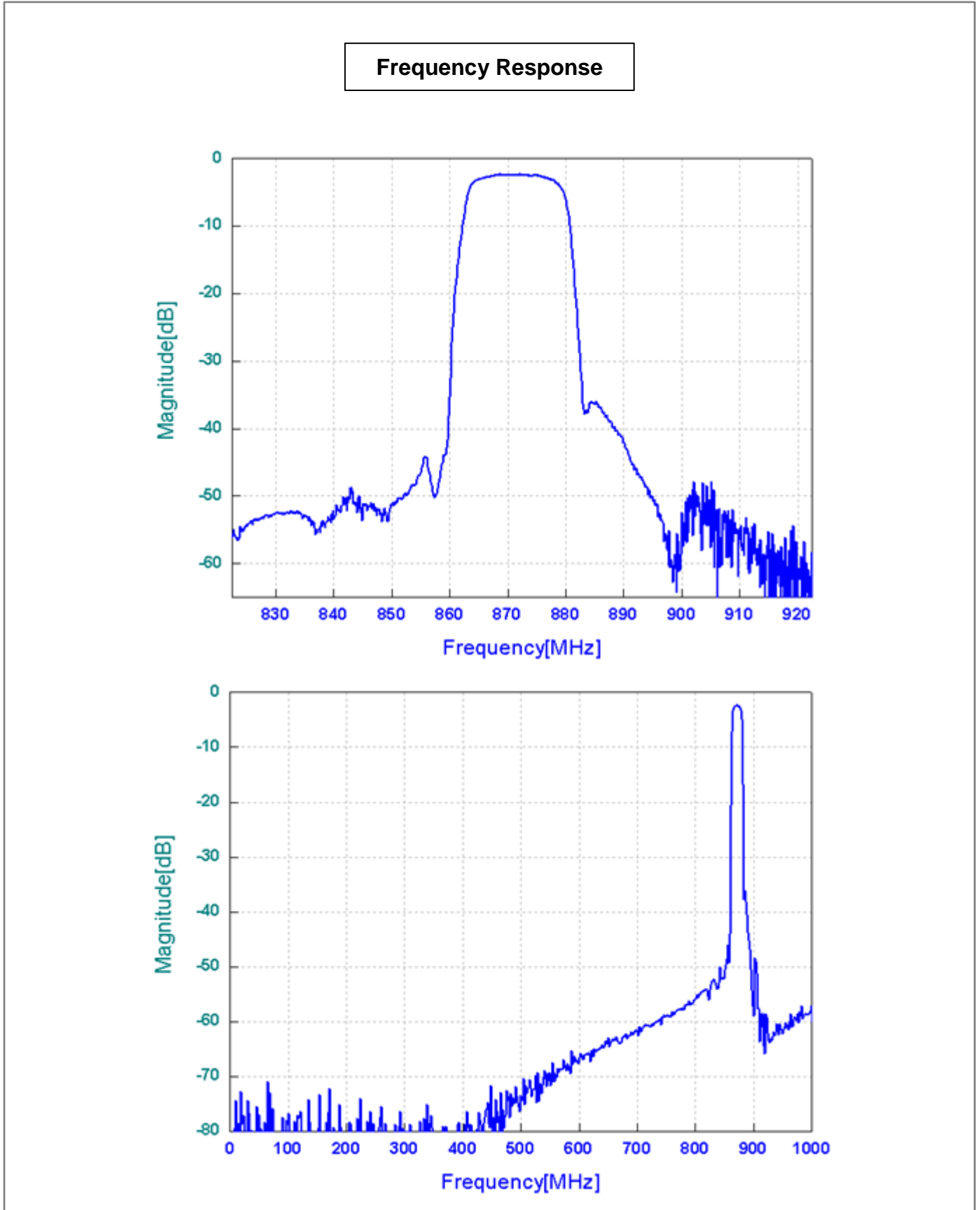
Package Dimensions



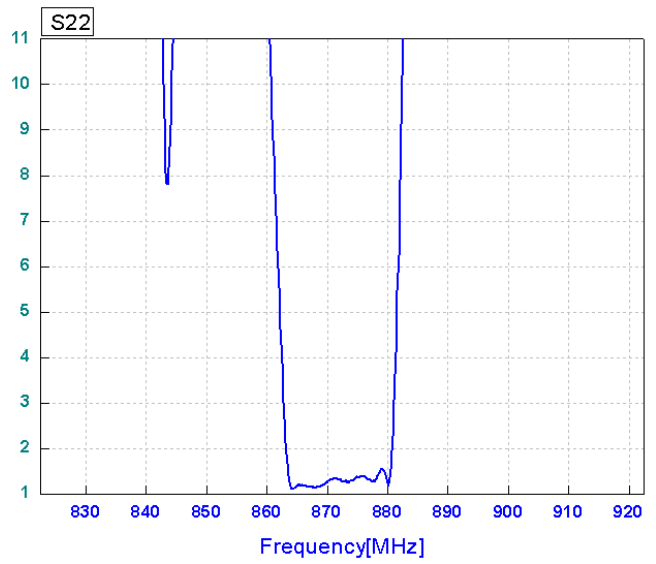
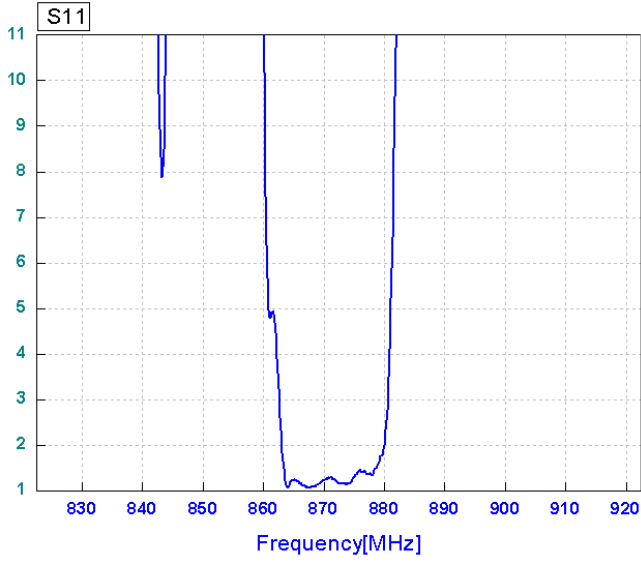
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

