

- Wireless, RF SAW Filter
- Revision 1: December 2012

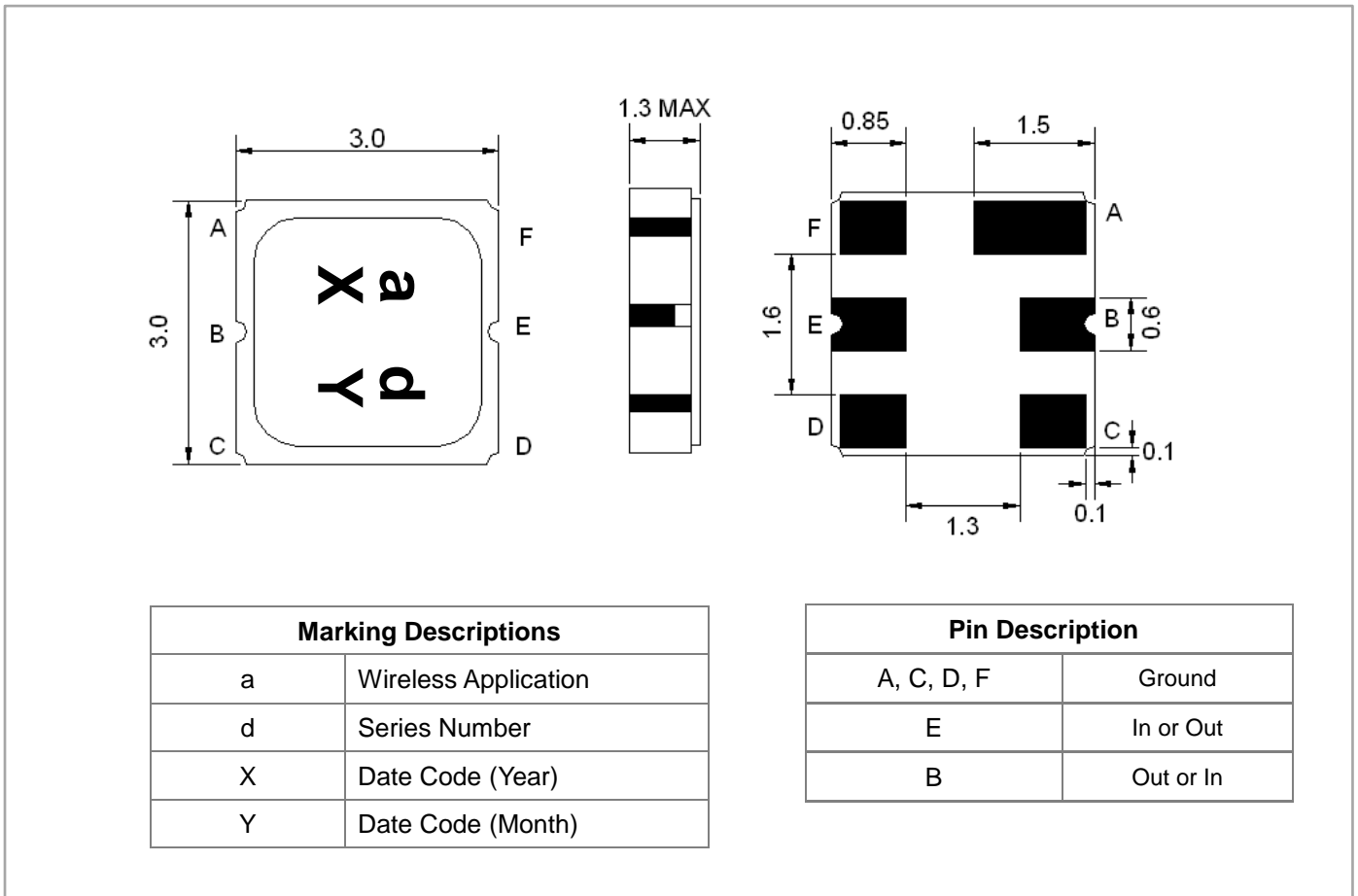
Electrical Characteristics

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

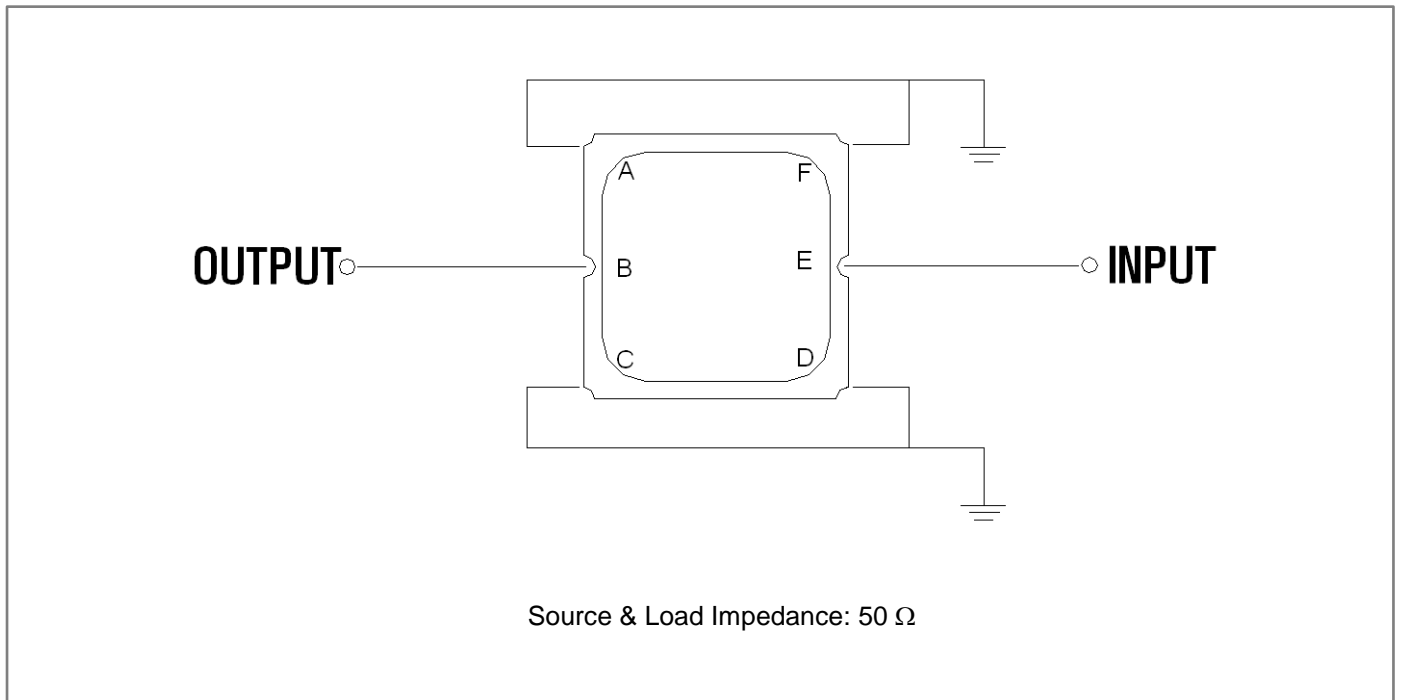
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	874.8	-
Insertion Loss within 869.8 ~ 879.8 MHz	dB	-	2.5	3.2
Amplitude Ripple within 869.8 ~ 879.8 MHz	dB _{p-p}	-	0.5	1.0
Attenuation:				
800.0 ~ 850.0 MHz	dB	40	51	-
862.8 MHz	dB	10	15	-
886.8 MHz	dB	4	19	-
890.0 ~ 950.0 MHz	dB	30	41	-
VSWR within 869.8 ~ 879.8 MHz	-	-	1.4	2.0

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

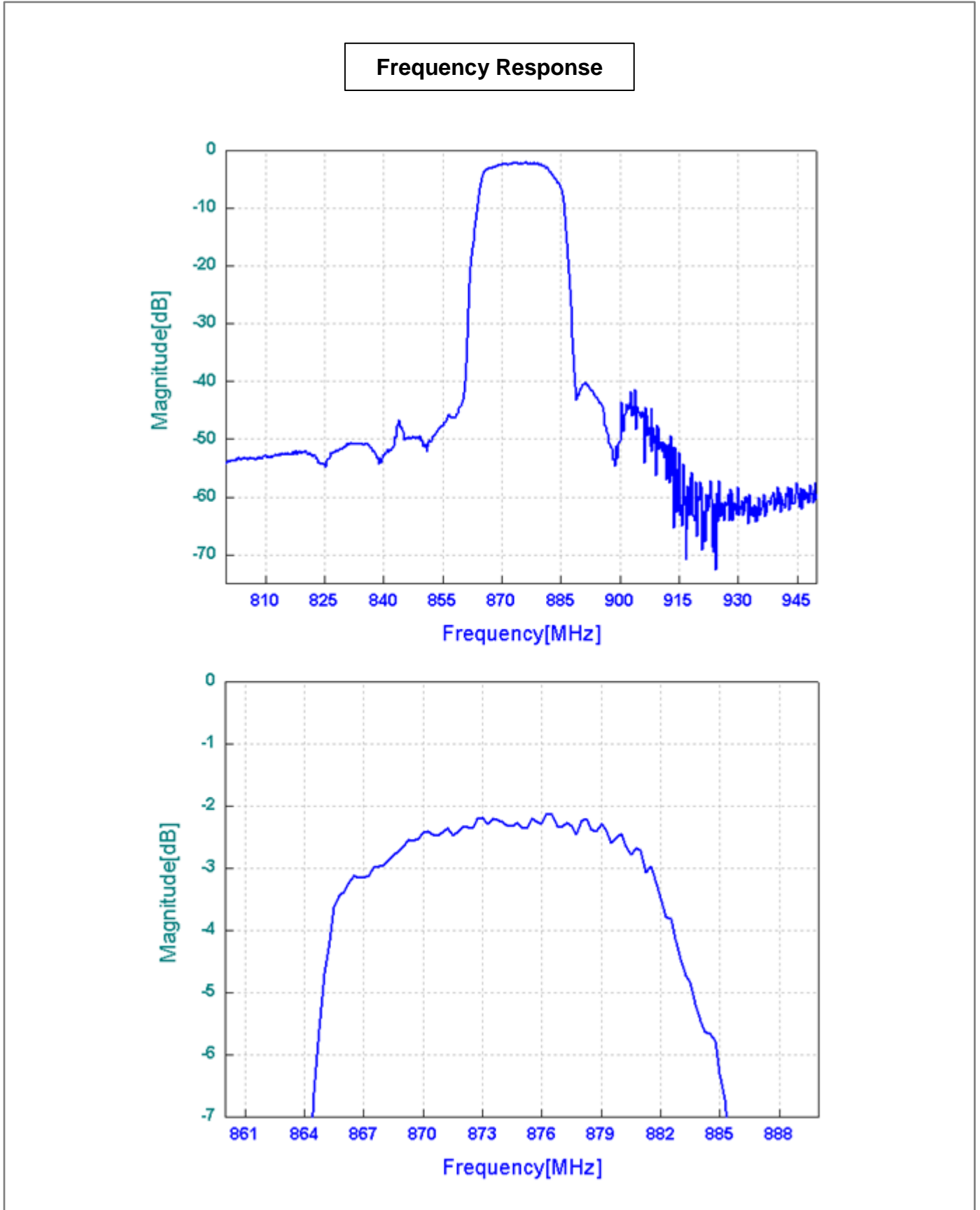
Package Dimensions



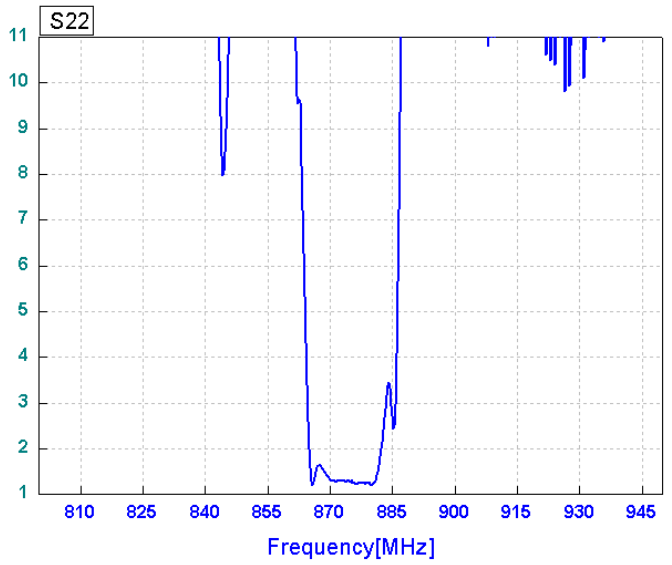
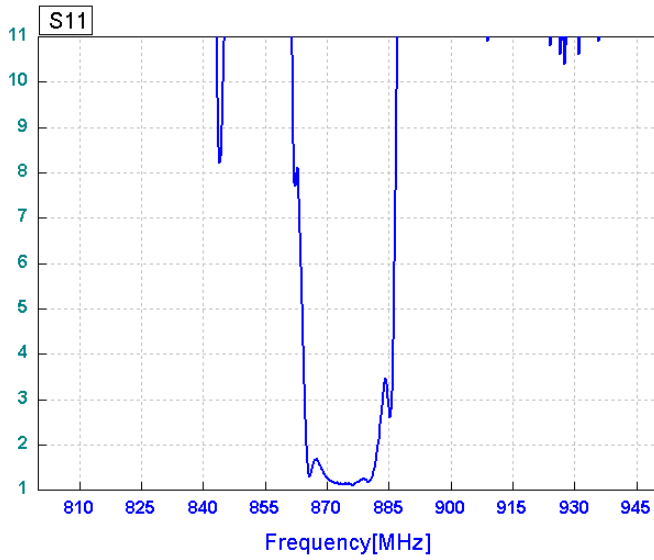
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

