

- Wireless, RF SAW Filter
- Revision 0: March 2012

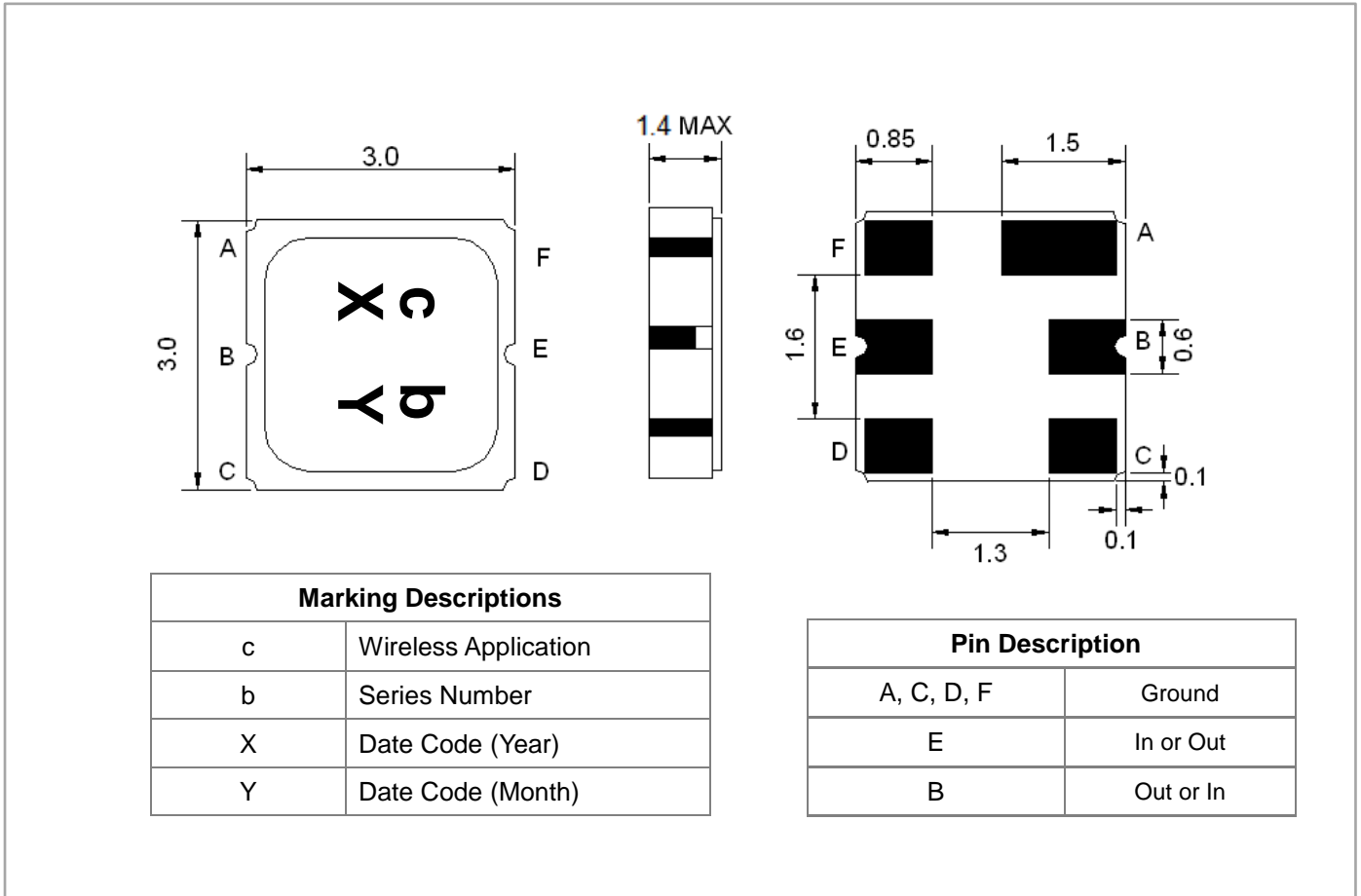
Electrical Characteristics

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

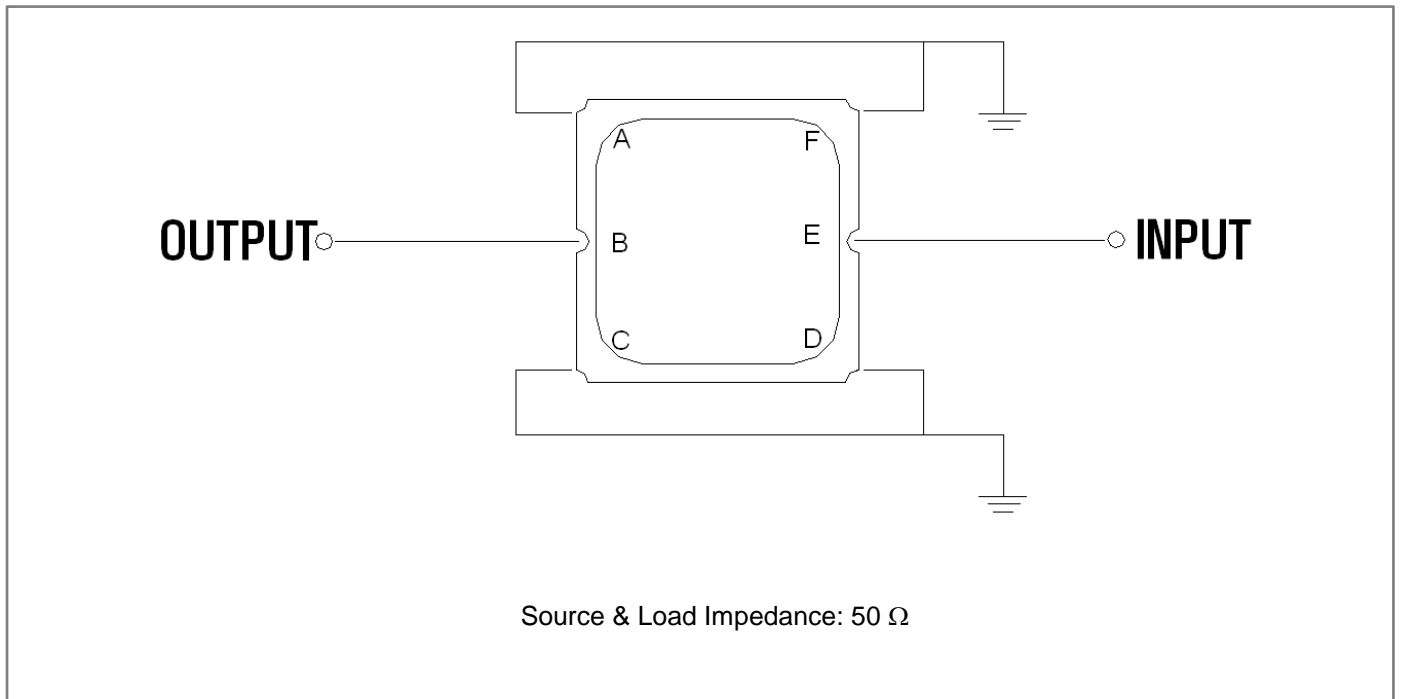
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	458.0	-
Insertion Loss within 450.0 ~ 466.0 MHz	dB	-	1.8	3.0
Amplitude Ripple within 450.0 ~ 466.0 MHz	dB _{p-p}	-	1.0	2.0
Attenuation:				
DC ~ 400.0 MHz	dB	45	55	-
490.0 ~ 1200.0 MHz	dB	30	40	-
VSWR within 450.0 ~ 466.0 MHz	-	-	1.9	2.2

Notes: (1) No Matching Network.

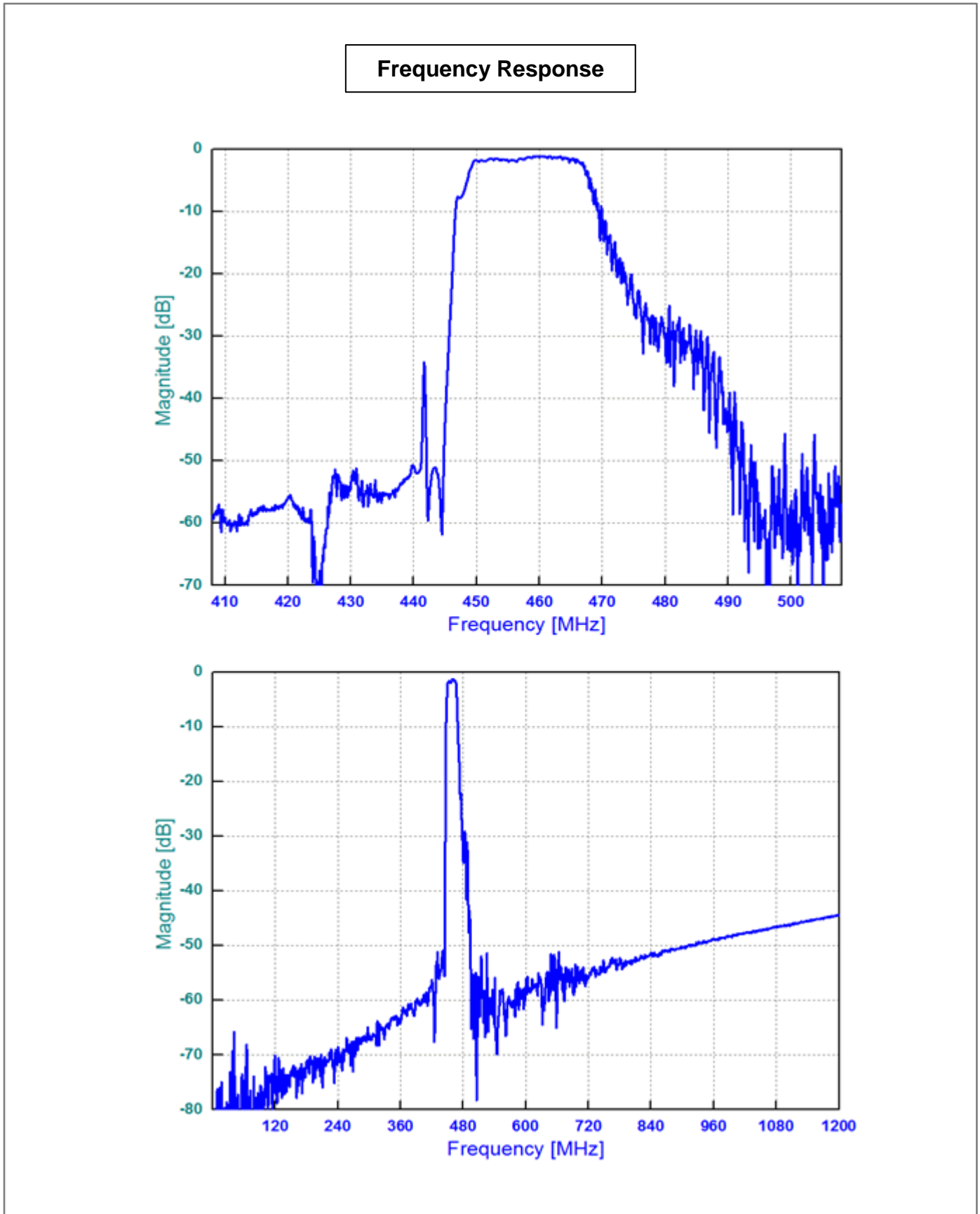
Package Dimensions



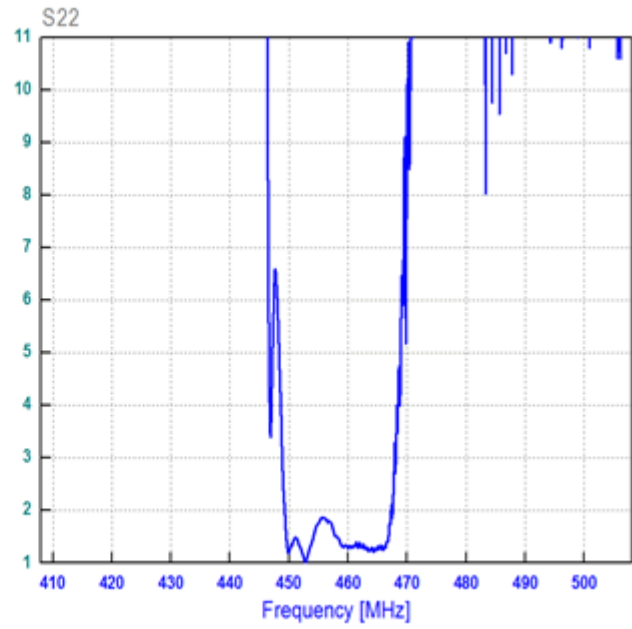
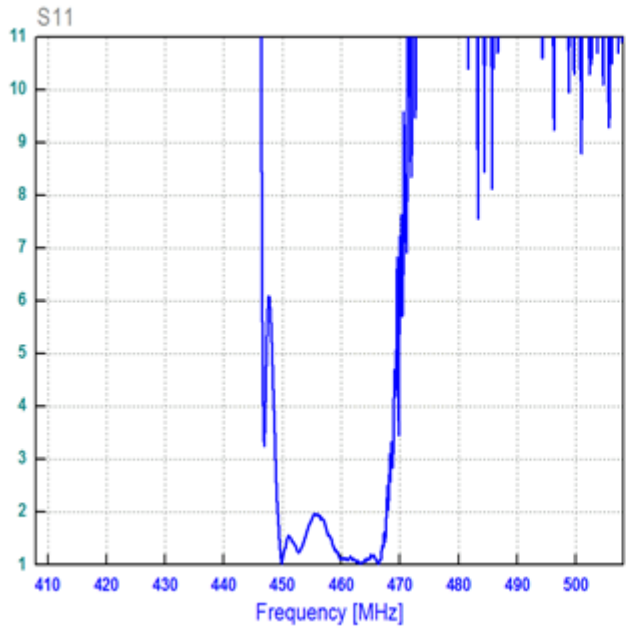
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

