

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

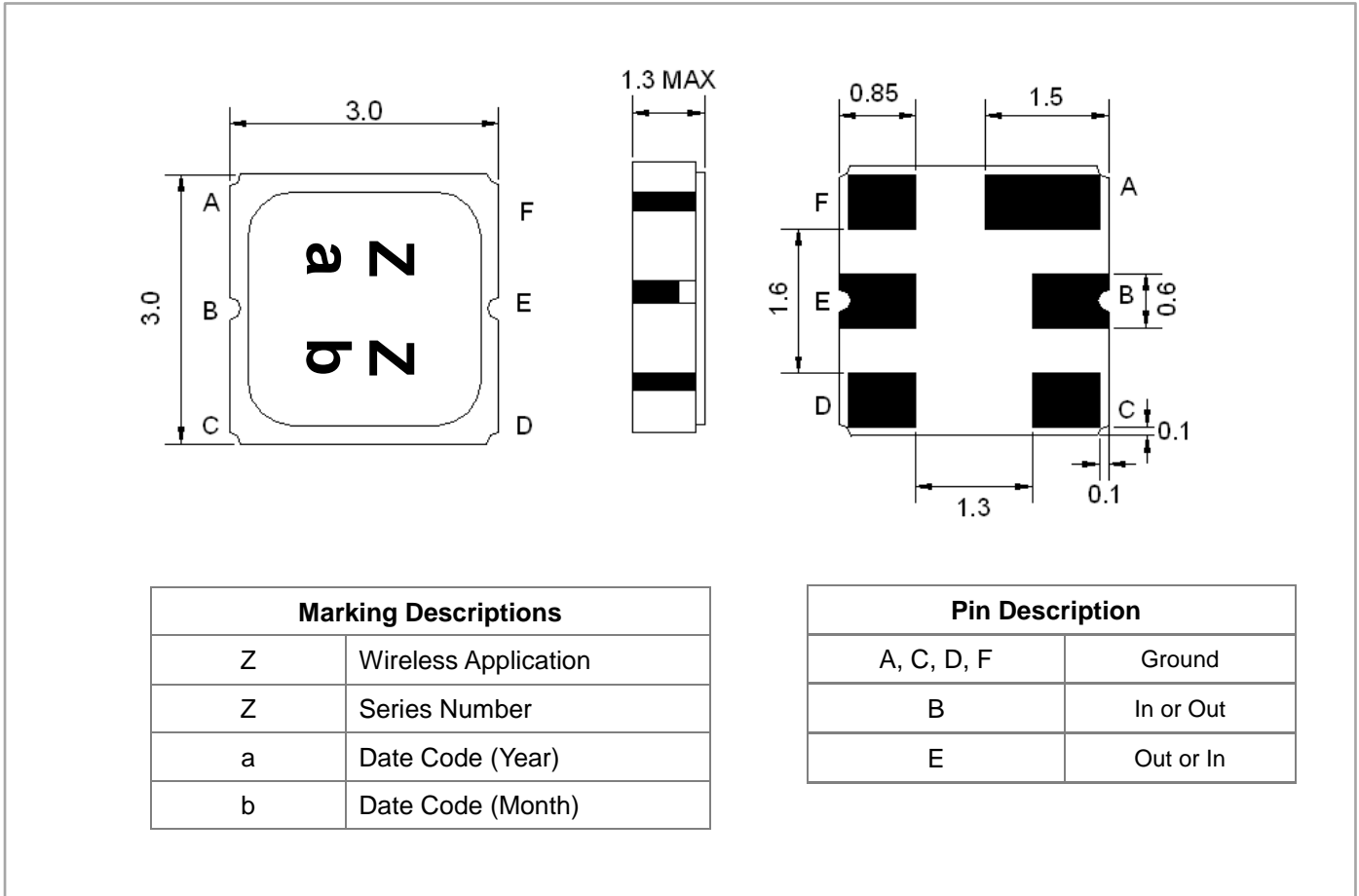
Electrical Characteristics

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

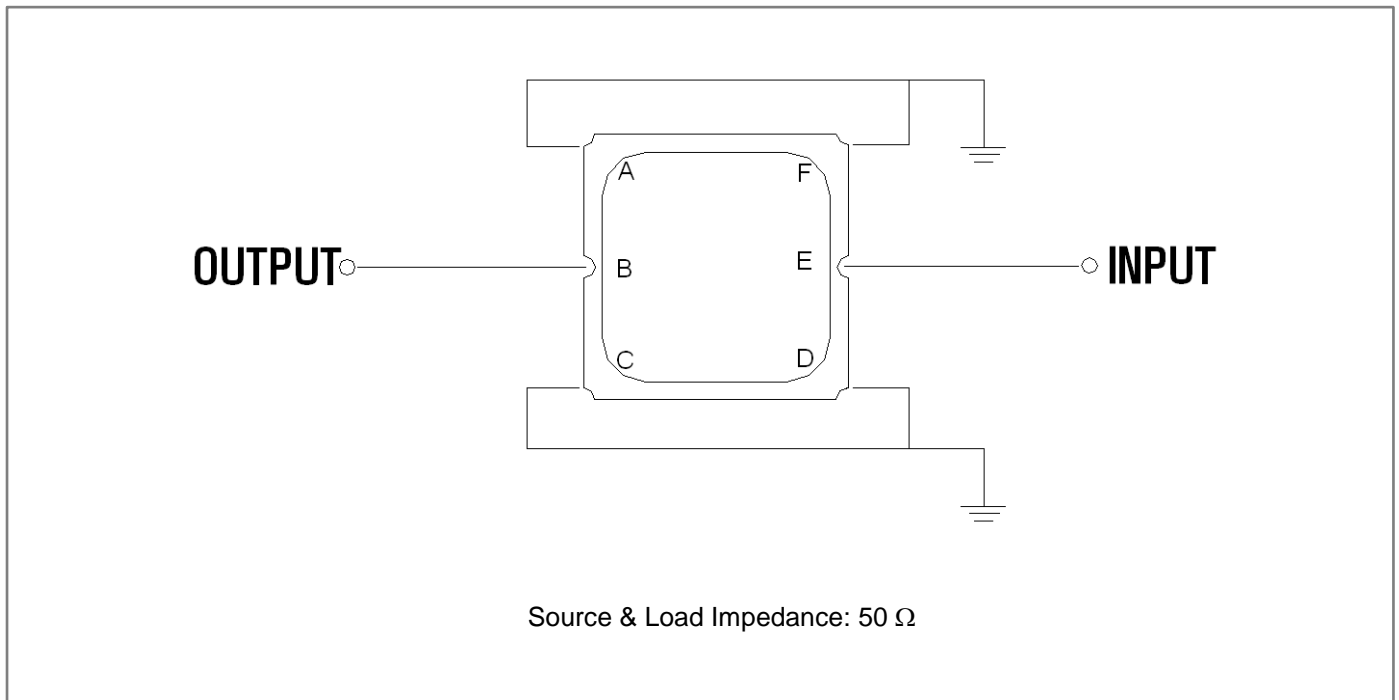
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1503.4	-
Insertion Loss within 1498.4 ~ 1508.4 MHz	dB	-	1.9	3.2
Amplitude Ripple within 1498.4 ~ 1508.4 MHz	dB _{p-p}	-	0.7	1.5
Attenuation:				
D.C. ~ 1300.0 MHz	dB	30	38	-
1400.0 ~ 1475.0 MHz	dB	8	17	-
1550.0 ~ 1750.0 MHz	dB	35	39	-
1750.0 ~ 3000.0 MHz	dB	30	39	-
VSWR within 1498.4 ~ 1508.4 MHz	-	-	1.6	2.2

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

Package Dimensions

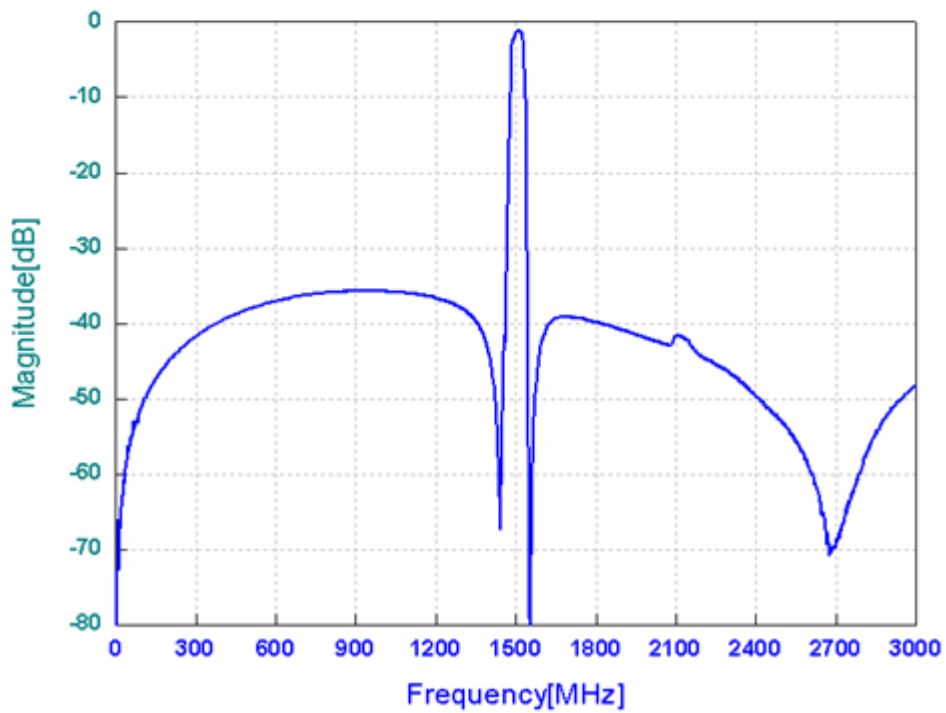
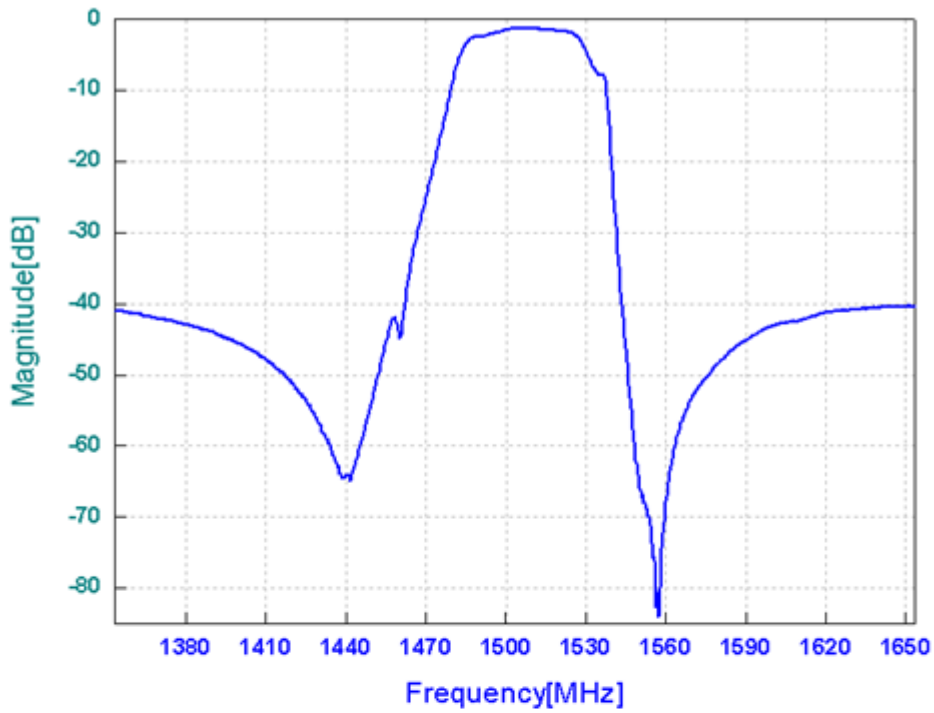


Testing Environment

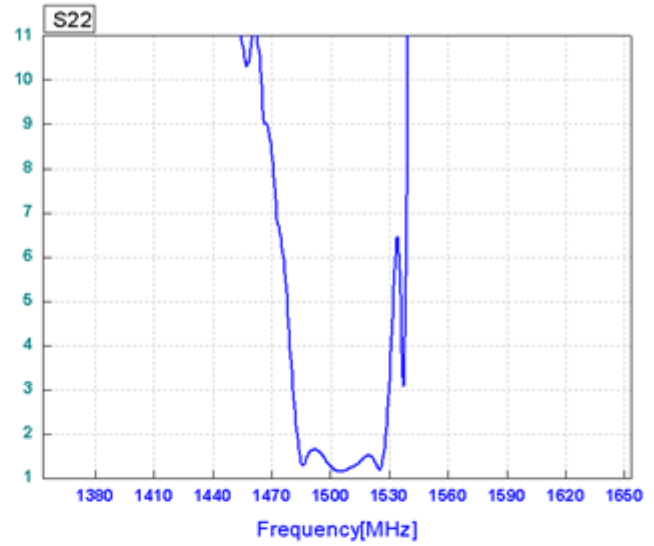
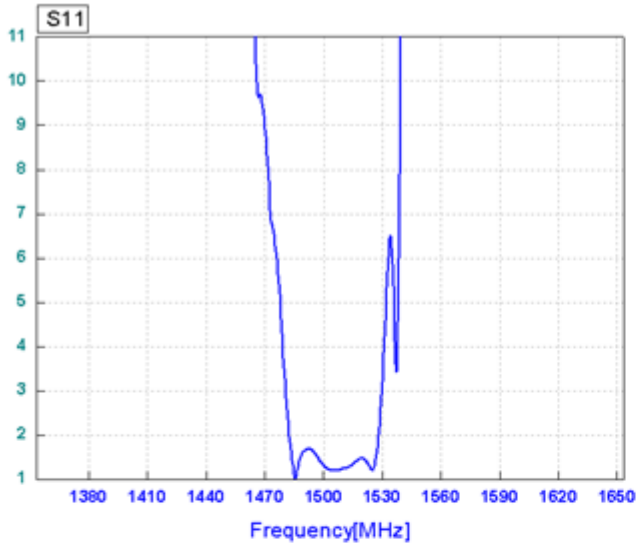


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

