

- Wireless, RF SAW Filter
- Revision 0: July 2008

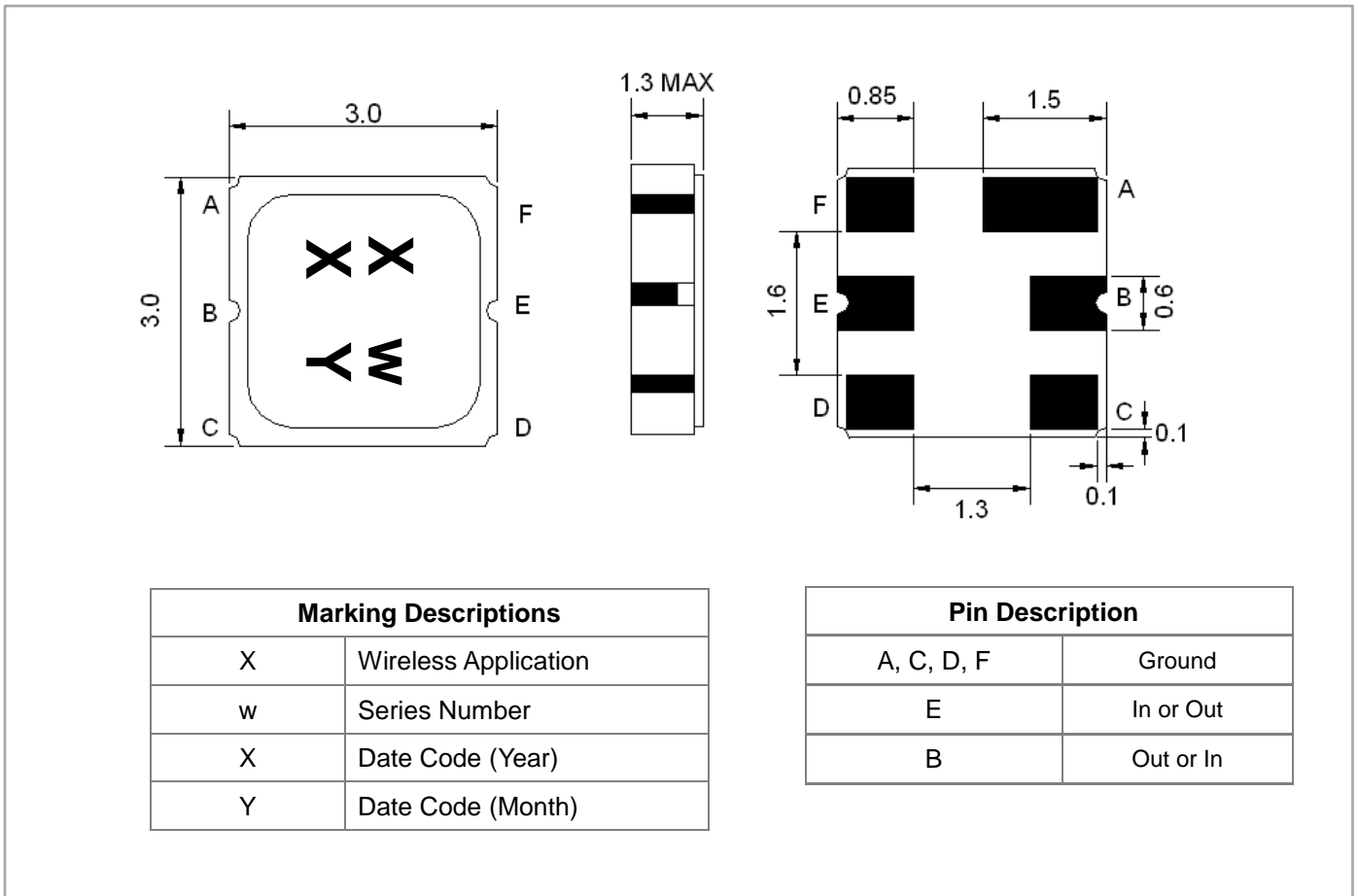
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	13
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

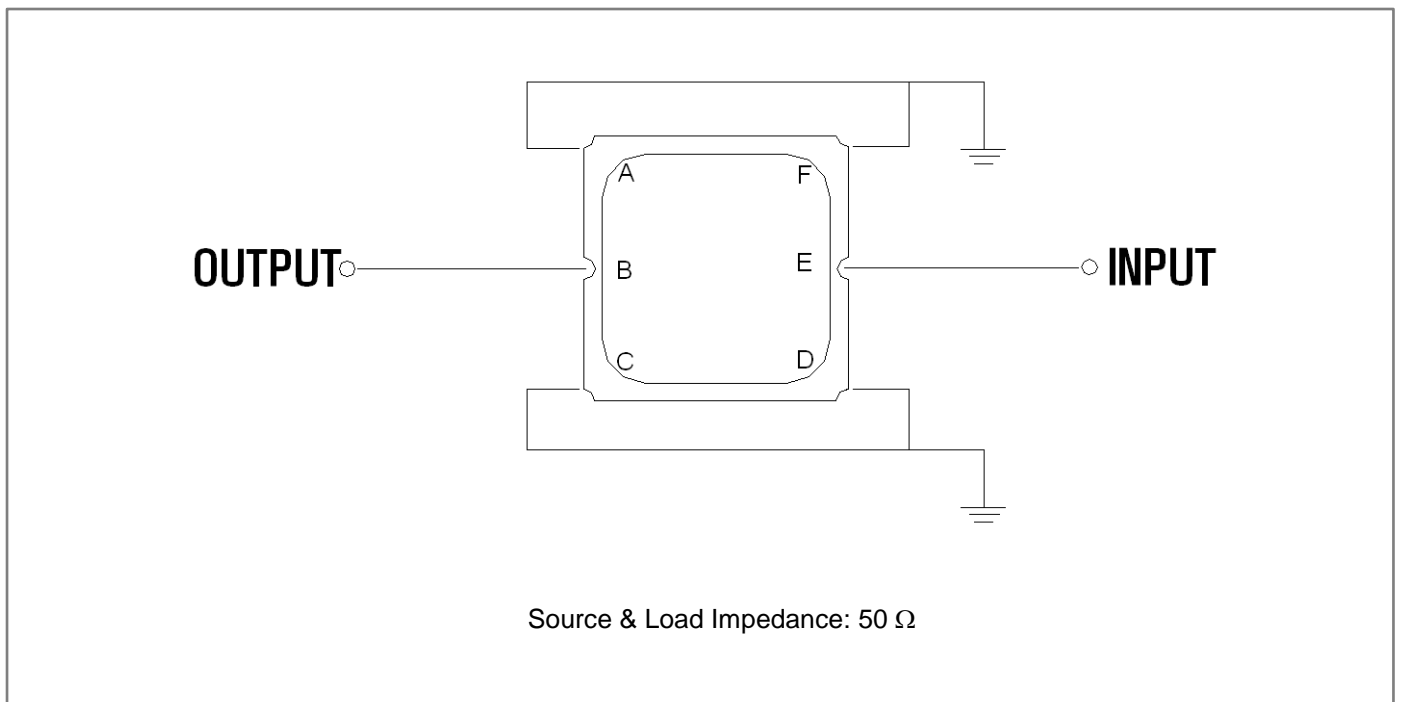
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	916.0	-
Insertion Loss within 914.25 ~ 917.75 MHz	dB	-	2.8	3.4
Amplitude Ripple within 914.25 ~ 917.75 MHz	dB _{p-p}	-	0.5	1.5
Attenuation:				
10.0 ~ 897.0 MHz	dB	36	40	-
897.0 ~ 903.0 MHz	dB	20	30	-
930.0 ~ 937.0 MHz	dB	40	50	-
937.0 ~ 1200.0 MHz	dB	42	50	-

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

Package Dimensions



Testing Environment



Frequency Characteristics

Frequency Response

