

- Wireless, RF SAW Filter
- Revision 0: March 2007

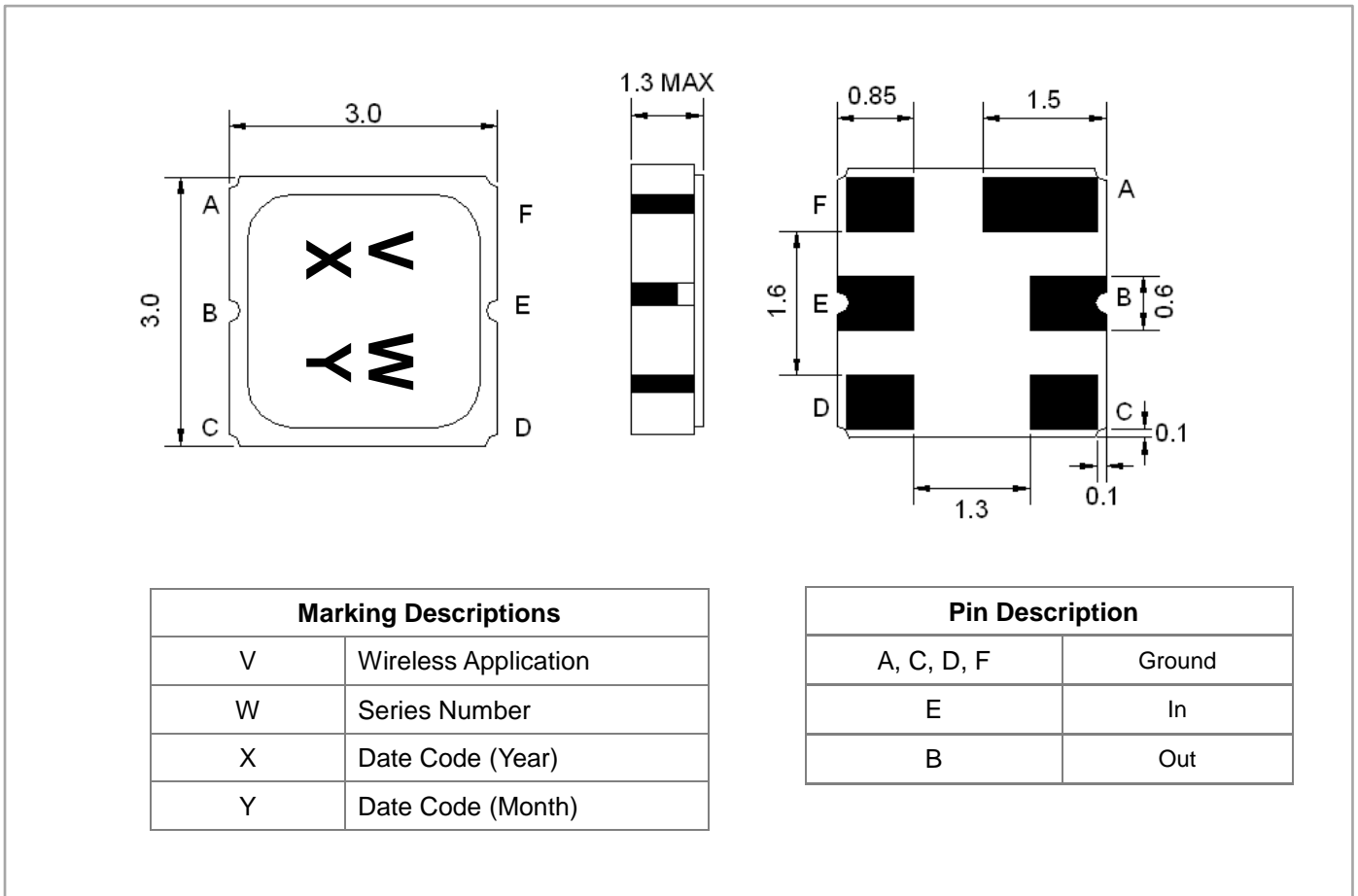
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
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

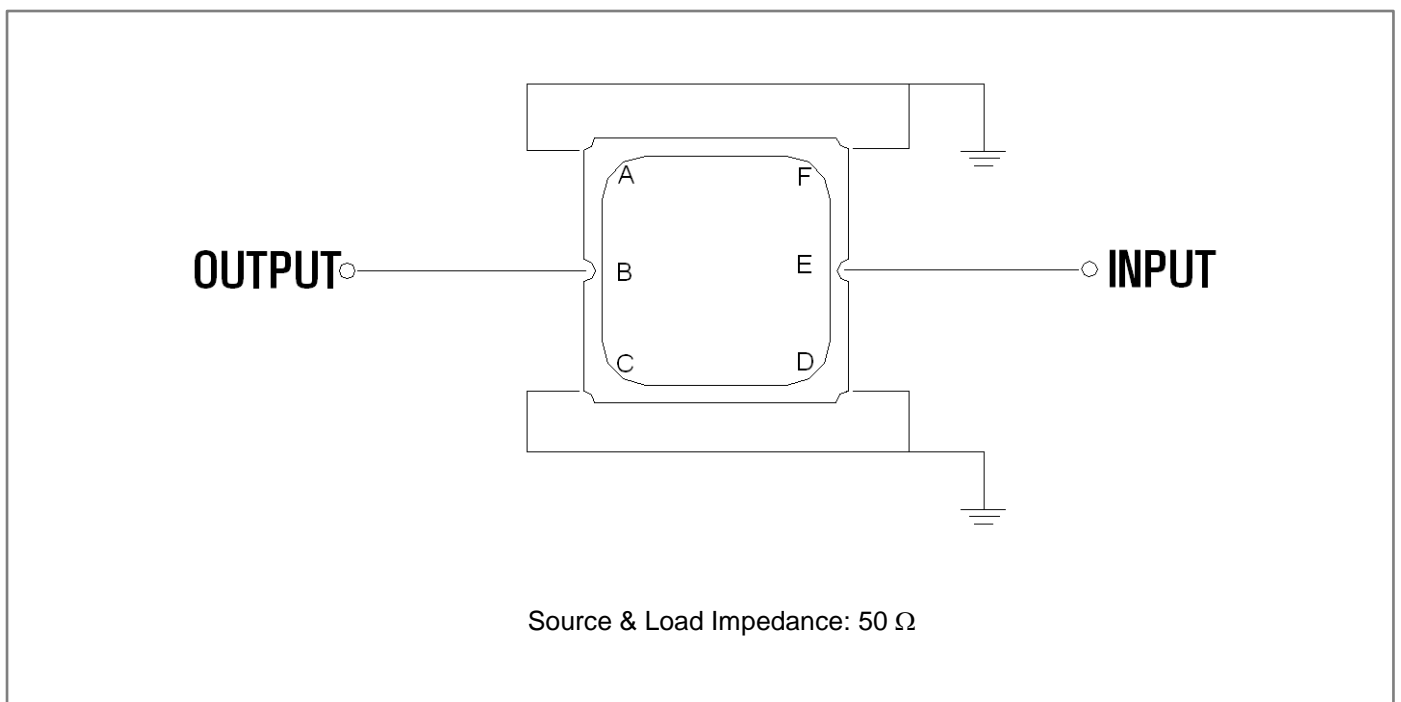
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	866.5	-
Insertion Loss within 863.0 ~ 870.0 MHz	dB	-	2.2	3.0
Amplitude Ripple within 863.0 ~ 870.0 MHz	dB _{p-p}	-	0.4	1.5
Attenuation:				
825.0 ~ 828.0 MHz	dB	40	55	-
846.0 ~ 849.0 MHz	dB	35	45	-
889.0 ~ 892.0 MHz	dB	30	36	-
910.0 ~ 913.0 MHz	dB	40	55	-

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

Package Dimensions



Testing Environment



Frequency Characteristics

Frequency Response

