

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

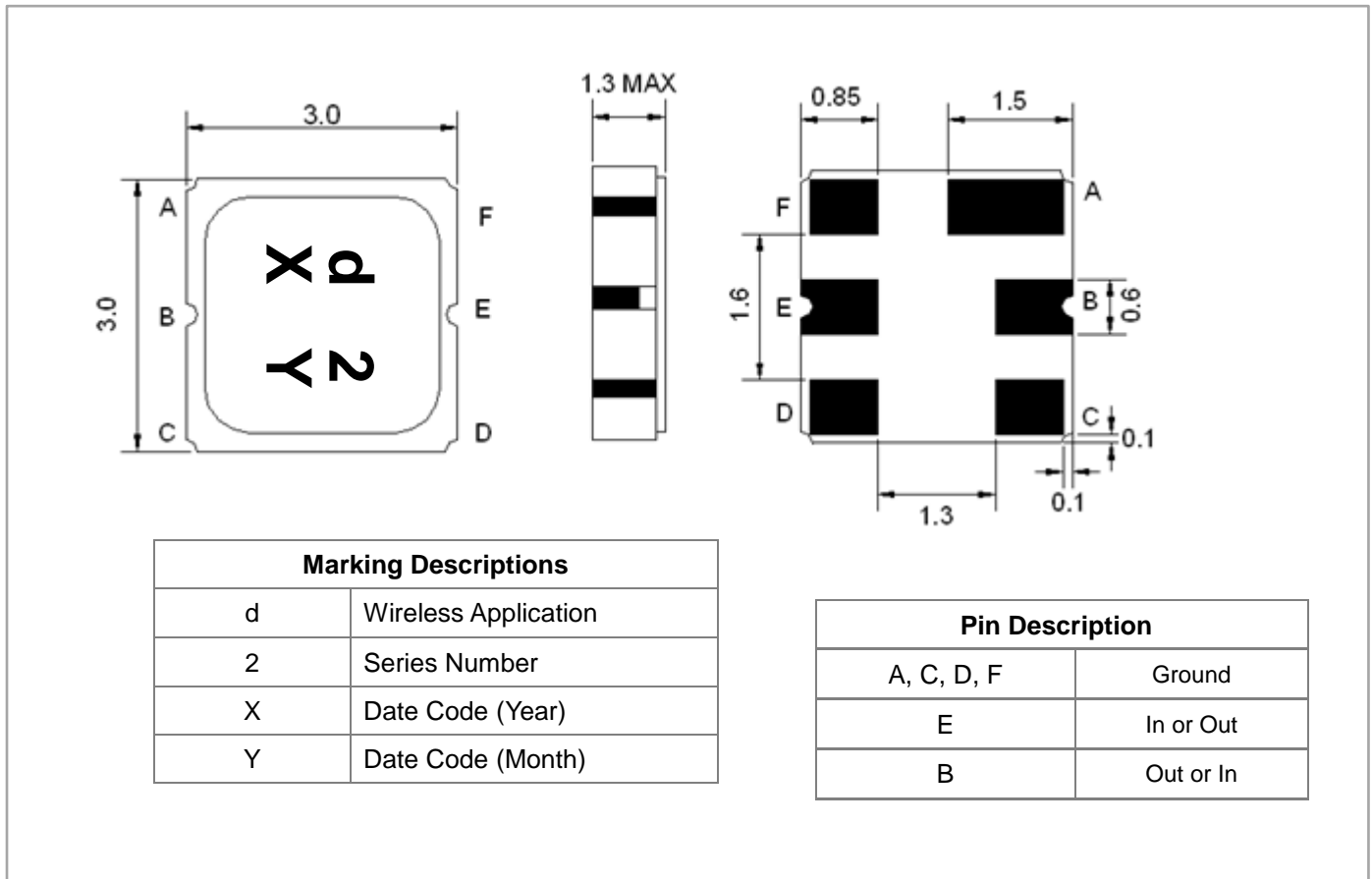
Electrical Characteristics

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	-	-	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

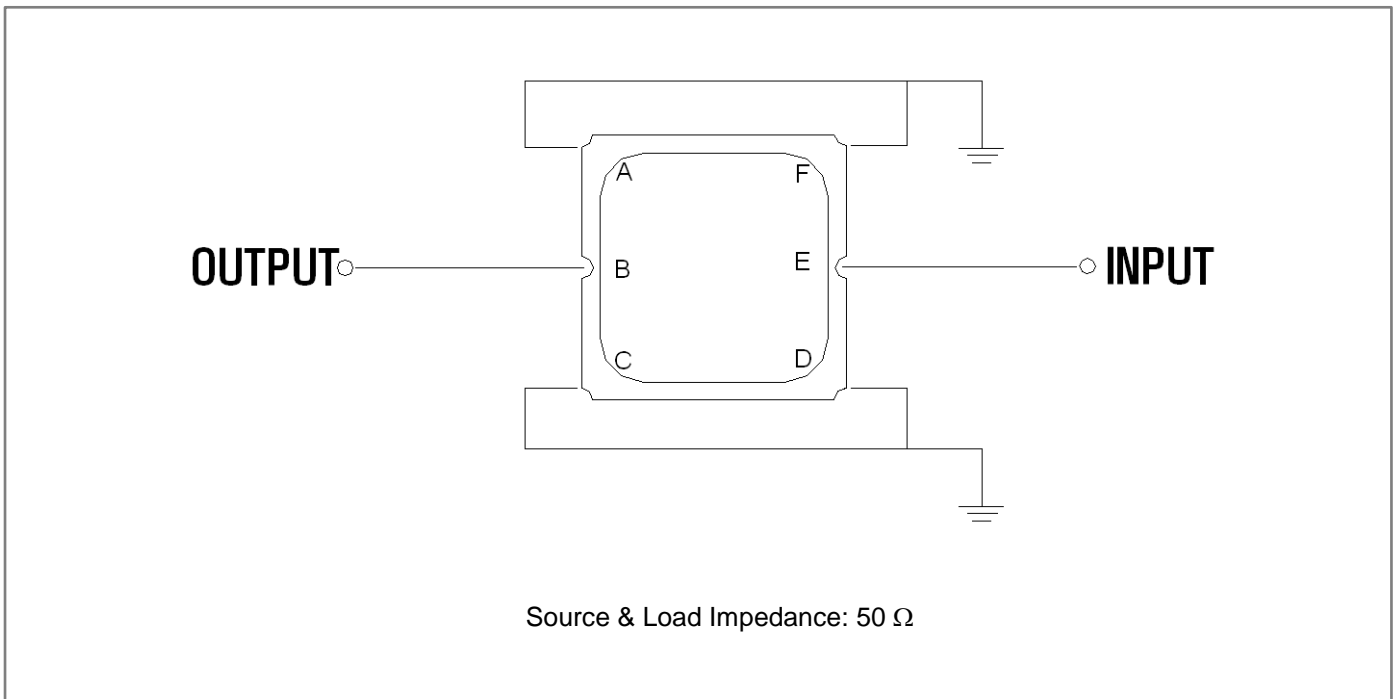
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1568.25	-
Insertion Loss within 1559.1 ~ 1577.4 MHz	dB	-	1.2	3.0
Amplitude Ripple within 1559.1~1577.4 MHz	dB _{p-p}	-	0.2	1.5
Amplitude Ripple within 1559.1~1563.1 MHz	dB _{p-p}	-	0.2	0.8
Amplitude Ripple within 1573.4~1577.4 MHz	dB _{p-p}	-	0.1	0.5
Attenuation:				
1513.25 MHz (Fo -55.0 MHz)	dB	30	39	-
1623.25 MHz (Fo +55.0 MHz)	dB	40	58	-
Stop band Rejection	dB	30	-	-

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

Package Dimensions



Testing Environment



Frequency Characteristics

Frequency Response

