

- Remote Control, 1-Port SAW Resonator
- Revision 1: December 2009

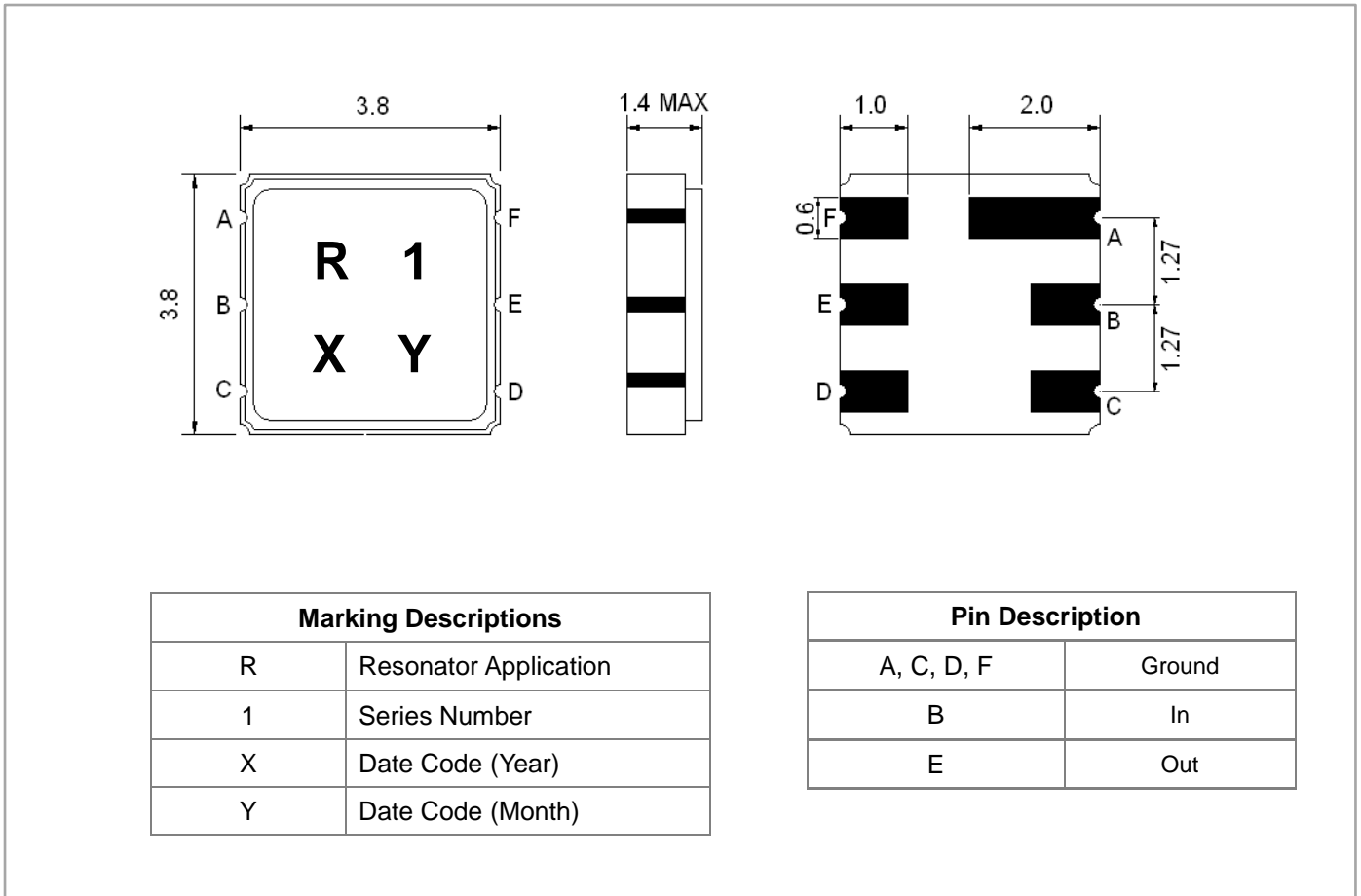
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	12
Maximum Input Power	dBm	-	-	0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

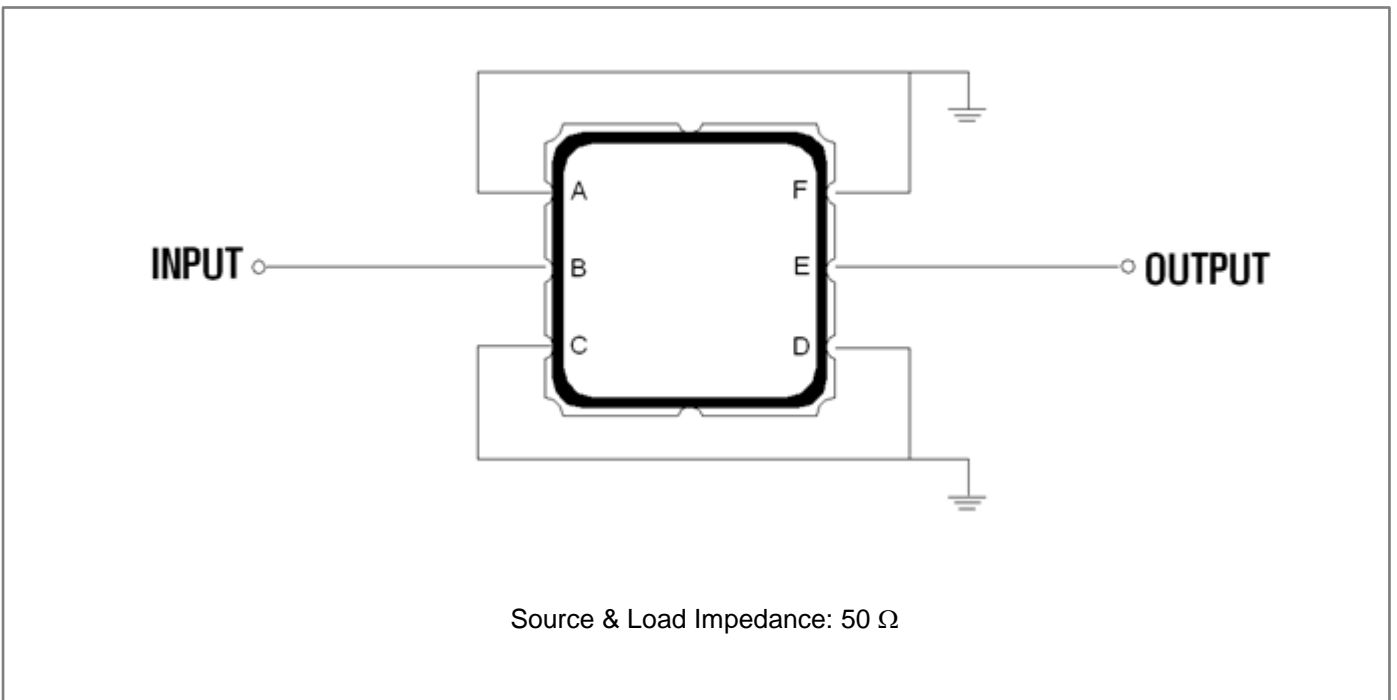
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fr)	MHz	314.9	315.0	315.1
Insertion Loss	dB	-	1.6	2.5
Equivalent Elements				
Motional Capacitance (Cm)	fF	-	3.18	-
Motional Inductance (Lm)	μH	-	80.36	-
Motional Resistance (Rm)	Ω	-	24.50	-
Parallel Capacitance (Co)	pF	-	4.76	-
Temp. coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	-	25	-

Notes: (1) No Matching Network

Package Dimensions



Testing Environment



Frequency Characteristics

Frequency Response

