

- 1-Port SAW Resonator
- Revision 0: June 2008

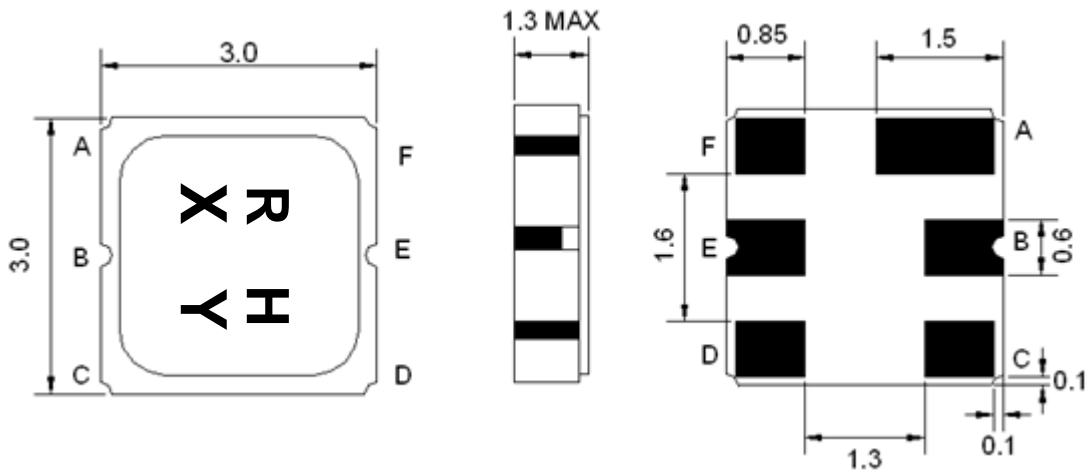
Electrical Characteristics

MAXIMUM RATINGS				
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	-	-	0
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	622.040	622.08	622.11
Insertion Loss	dB	-	1.2	2.0
Equivalent Elements				
Motional Capacitance C1	fF	-	1.59	-
Motional Inductance L1	μH	-	41.09	-
Motional Resistance R1	ohm	-	15.03	-
Parallel Capacitance Co	pF	-	2.87	-
Temp. Coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	-	25	-

Notes: (1) No Matching Network

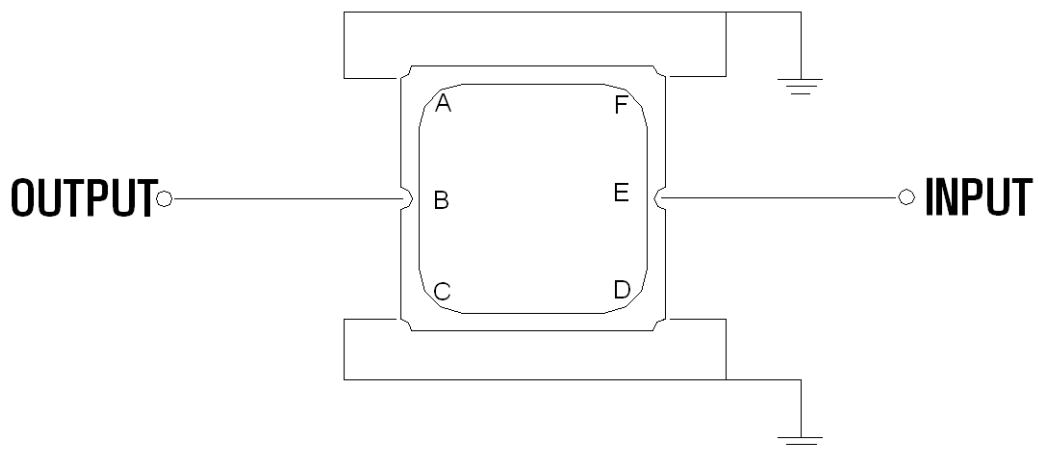
Package Dimensions



Marking Descriptions	
R	Resonator Application
H	Series Number
X	Date Code (Year)
Y	Date Code (Month)

Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

