

- Remote Control, 1-Port SAW Resonator
- Revision0: March 2005

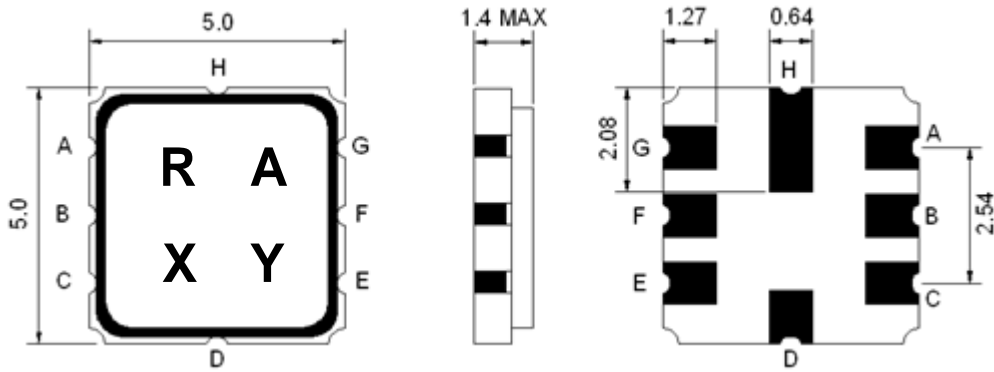
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	K			
Length x Width	mm ²	-	5.0 x 5.0	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fr)	MHz	314.925	315.00	315.075
Insertion Loss	dB	-	1.3	2.4
Equivalent Elements				
Motional Capacitance (Cm)	fF	-	2.95	-
Motional Inductance (Lm)	μH	-	86	-
Motional Resistance (Rm)	Ω	-	14	25
Parallel Capacitance (Co)	pF	2.1	2.4	2.7
Temp. coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	20	35	50

Notes: (1) No Matching Network

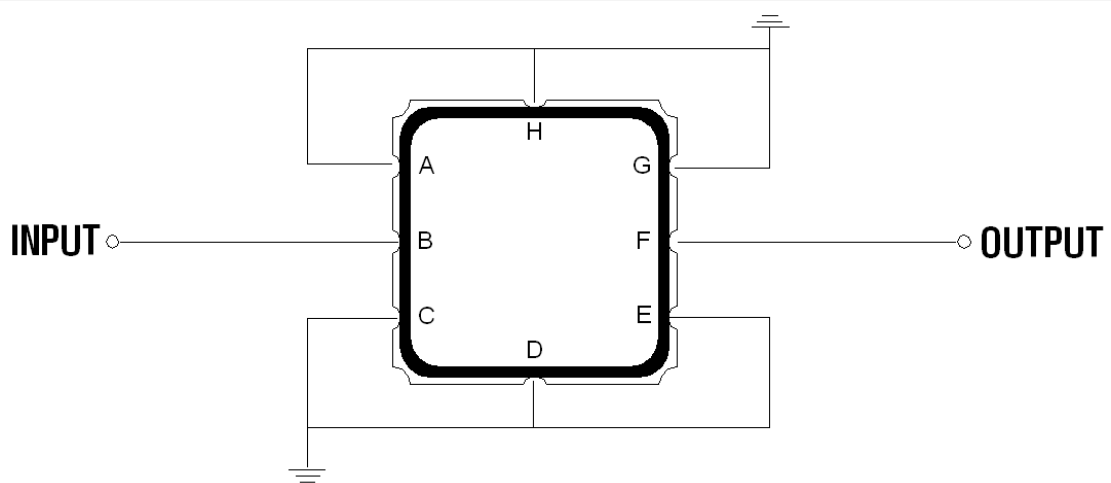
Package Dimensions



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

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

Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response

