

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

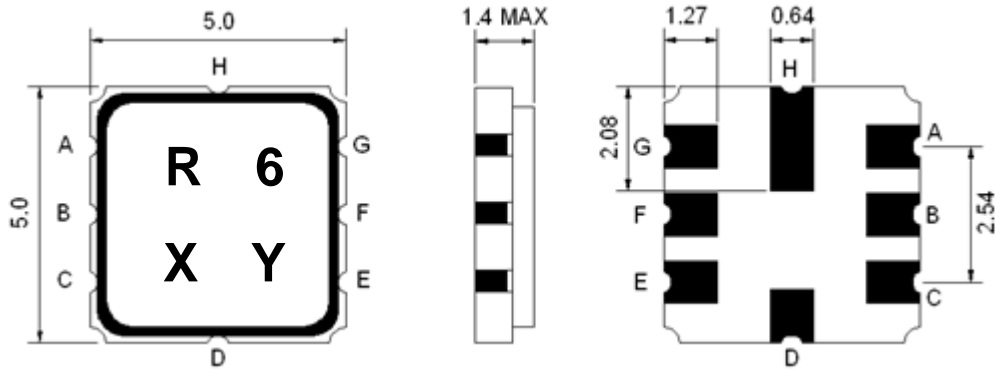
## Electrical Characteristics

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

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fr)	MHz	433.845	433.92	433.995
Insertion Loss	dB	-	1.2	2.0
<b>Equivalent Elements</b>				
Motional Capacitance (Cm)	fF	-	1.56	-
Motional Inductance (Lm)	μH	-	86	-
Motional Resistance (Rm)	Ω	-	18	26
Parallel Capacitance (Co)	pF	1.7	2.0	2.3
Temp. coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	-	39	-

**Notes:** (1) No Matching Network

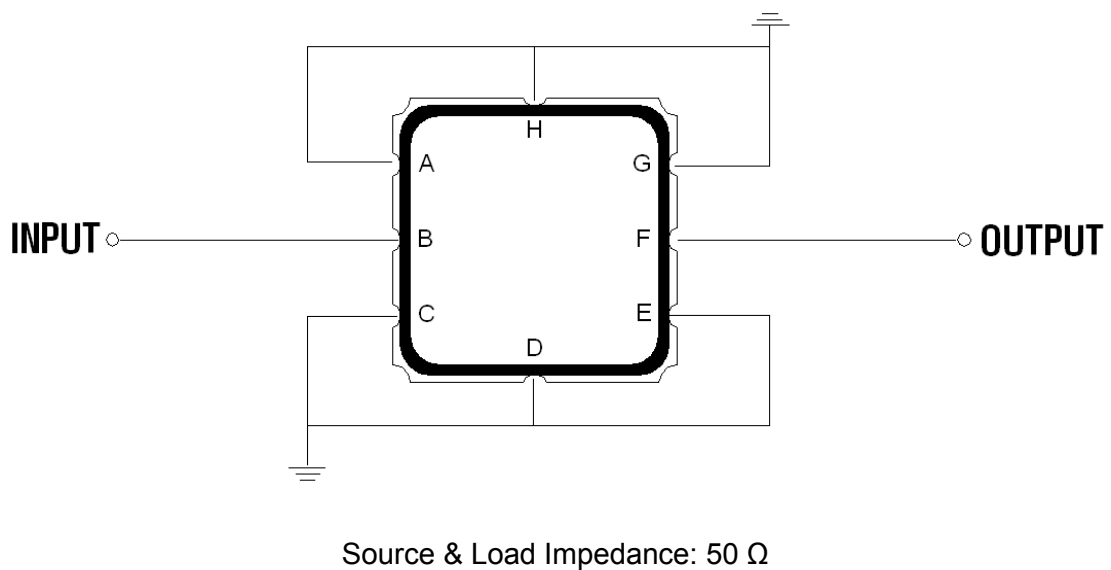
## Package Dimensions



Marking Descriptions	
R	Resonator Application
6	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



## Frequency Characteristics

**Frequency Response**

