

- Remote Control, 1-Port SAW Resonator
- Revision 0: February 2005

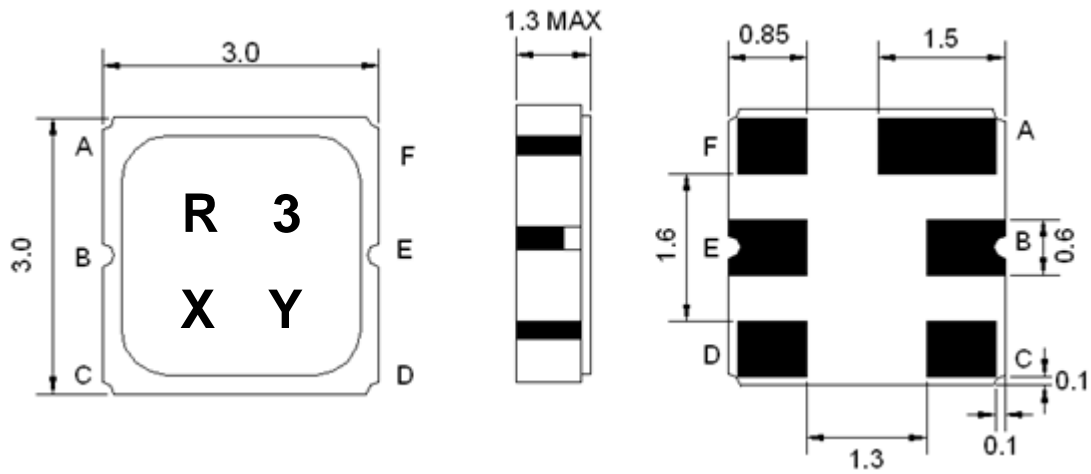
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	12
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 (Fr)	MHz	433.845	433.92	433.995
Insertion Loss	dB	-	0.9	2.0
Unload Quality Factor		6000	8000	-
Equivalent Elements				
Motional Capacitance (Cm)	fF	-	3.57	-
Motional Inductance (Lm)	μH	-	37.68	-
Motional Resistance (Rm)	Ω	-	12.95	-
Parallel Capacitance (Co)	pF	-	4.77	-
Temp. coeff.	ppm/c*2	-	0.032	-
Turnover To	deg.C	10	25	40

Notes: (1) No Matching Network

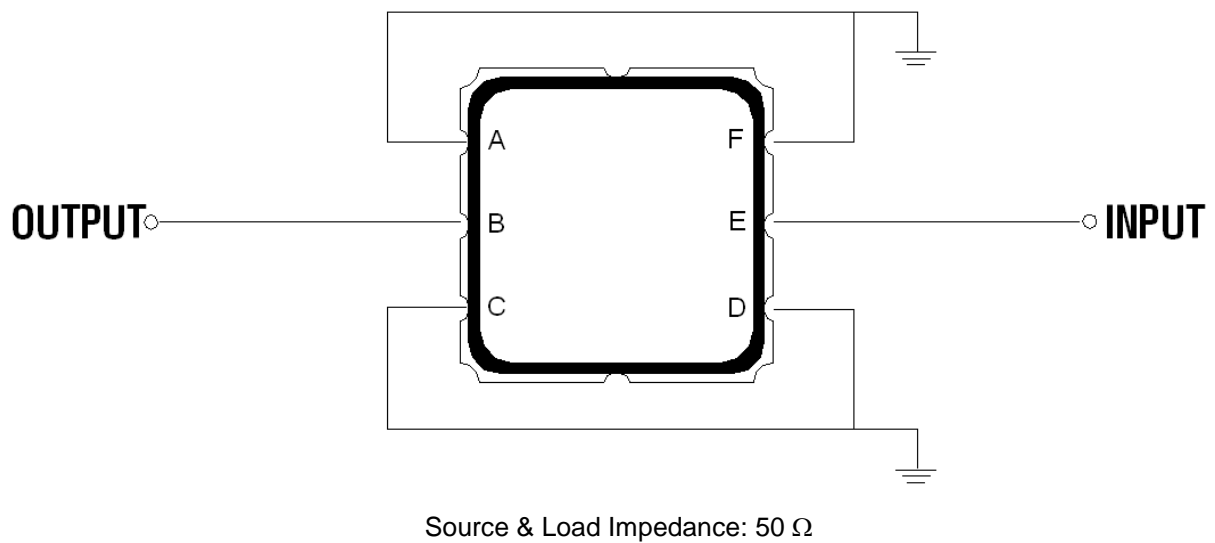
Package Dimensions



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

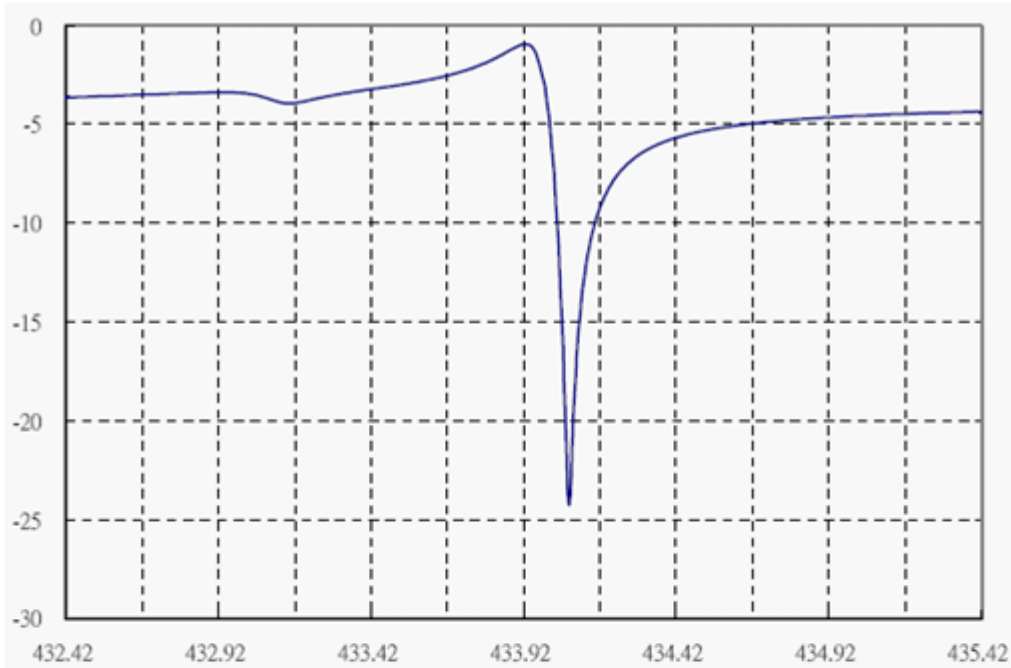
Pin Description	
A, C, D, F	Ground
E	In
B	Out

Testing Environment



Frequency Characteristics

Frequency Response



Recommended Reflow Profile

