



Total Solution Provider in Saw Device

SR622BM

1-Port SAW Resonator
Revision 0: June 2008



- Electrical Characteristics
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 - Frequency Characteristics
-

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□ Electrical Characteristics

Maximum Ratings

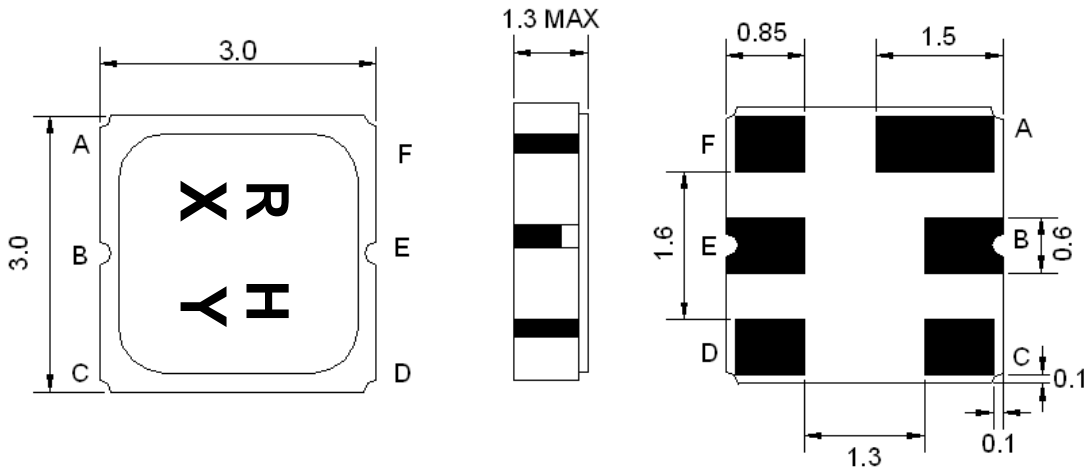
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
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 .

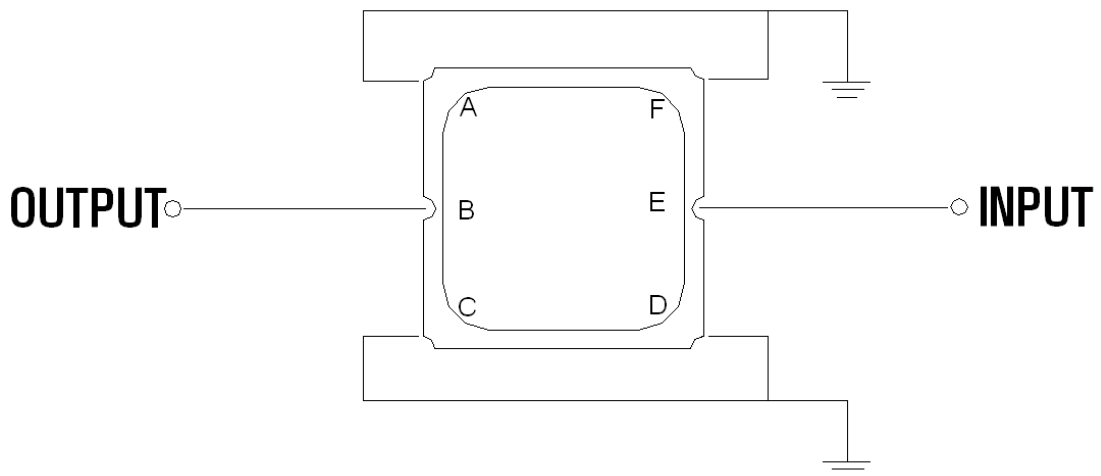
Package Dimensions



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

