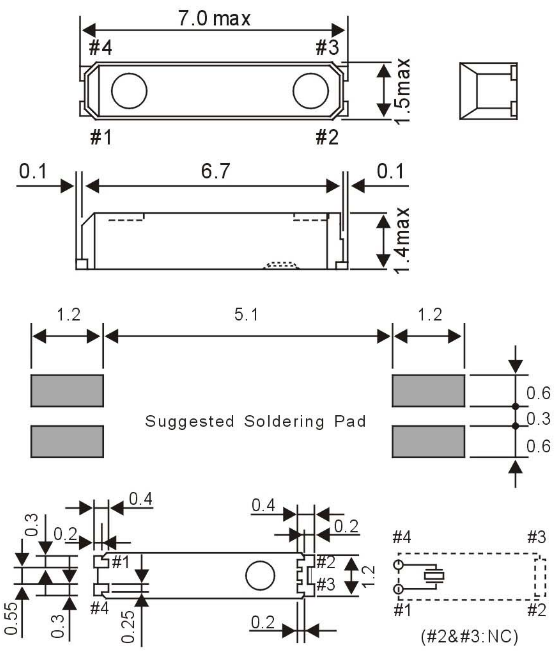
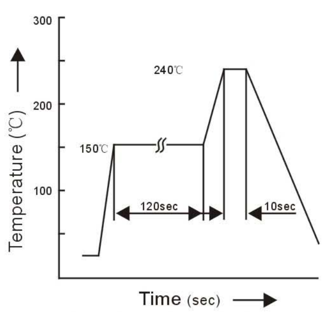
Quartz Series

Series KX327E / KX327ET

External dimensions

Unit: mm



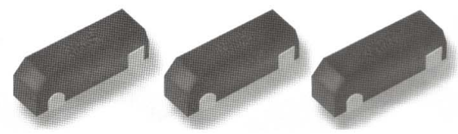


Soldering Condition

Item	Specification	Remarks
Frequency	32.768KHz	
Operating Temperature Range	-20℃ to +70℃	KX327E
	-40℃ to +85℃	KX327ET
Frequency Tolerance	±30PPM at 25℃±3℃	
Temperature Tolerance	-0.035PPM/℃	At -20℃ to + 70℃
		At -40℃ to + 85℃
Load Capacitance	12.5pF	6 to 12.5pF(Available)
Series Resistance	65KΩ	Maximum
Shunt Capacitance	0.8pF	Maximum
Drive Level	50μW	
Aging	±3PPM/Year	Maxinum

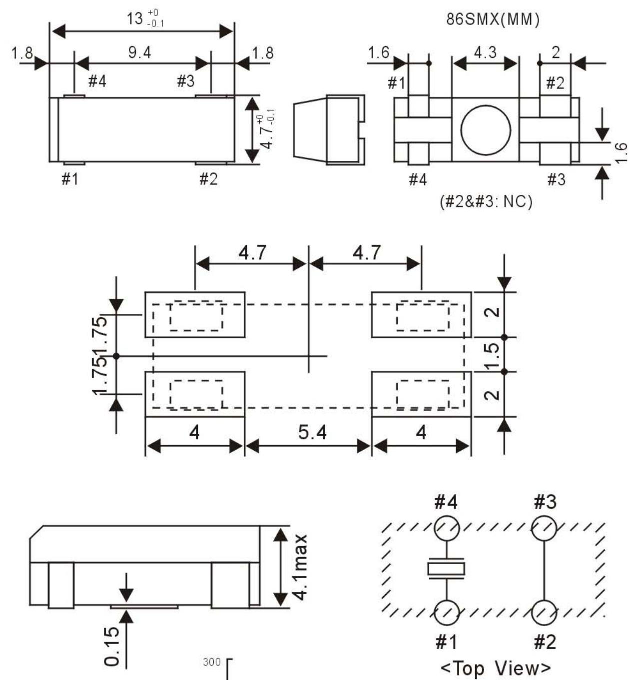
Remark:
All specifications subject to change without notice.

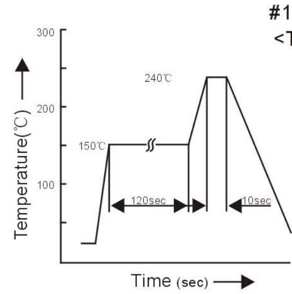
Series KXMC KXMCT / KXMCE



External dimensions

Unit: mm





Item	Specification	Remarks
Nominal Frequency Range	3.500MHz to 40.000MHz	Fundamental Mode
	35.000MHz to 70.000MHz	3rd Overtone Mode
Operating Temperature Range	-20℃ to +70℃	KXMC
	-40℃ to +85℃	KXMCT
	-40℃ to +105℃	KXMCE
Frequency Tolerance	±50PPM at 25℃±3℃	
Temperature Tolerance	±50PPM	At -20℃ to + 70℃
	±100PPM	At -40℃ to + 85℃
	±120PPM	At -40℃ to + 105℃
Load Capacitance	16pF(Standard)	10 to 20pF(Avaiable)
Series Resistance	As ESR Table	
Shunt Capacitance	7pF	Minimum
Drive Level	100μW	
Aging	±5PPM/Year	Maxinum

Resistance of Series Resonance (ESR)

Frequency (MHz)	Mode	Ohm Max	Frequency (MHz)	Mode	Ohm Max
3.500~3.990	Fund.	150	10.000~40.000	Fund.	50
4.000~5.990	Fund.	120	35.000~39.990	3rd O.T.	100
6.000~7.990	Fund.	80	40.000~49.990	3rd O.T.	80
8.000~9.990	Fund.	60	50.000~70.000	3rd O.T.	50

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