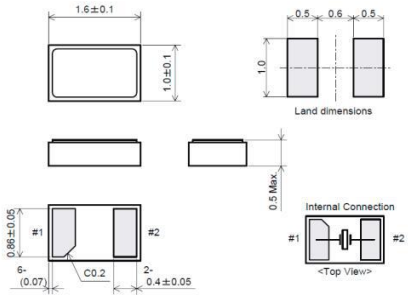
● Feature 特性

★SMD1610 插件晶振、晶体谐振器
★满足无铅焊接的回流温度曲线要求
★高精度、高频率稳定性、可靠性
★低功耗、低抖动
★降低电磁干扰（EMI）影响
★优良的耐环境特性，可达工业级温度
★包装：编带卷，3000pcs/卷

●Electricalspecifications 电气参数

	SMD 1610 Parameters		SMD 1610 Electricial Spec			
			Min	Type	Max	Units
1	标称频率	FL		32.768		KHz
2	振动模式	-		Fundamental		-
3	负载电容	CL		6~12.5		pF
4	常温频差	-		±10 ±20		ppm
5	温度频差	-		±10 ±20		ppm
6	工作温度	-	-40	~	85	℃
7	老 化 率	-		±3		ppm

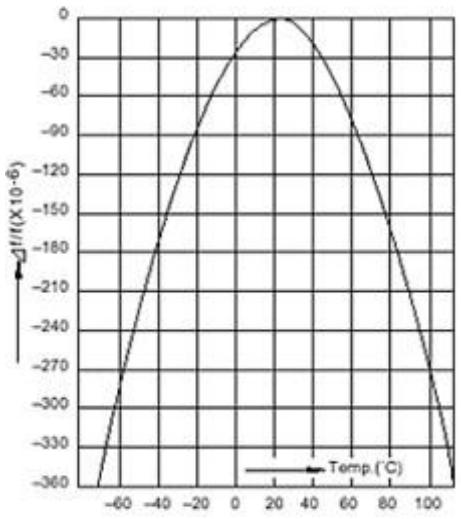
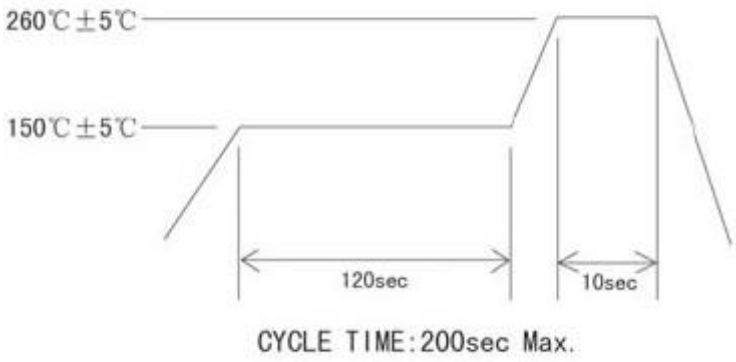
●Mechanical Dimensions 外型尺寸



●Equivalent Series Resistance and Mode of Operation 等效电阻和振荡模式

Frequency Range 频率范围	ESR(ohm)等效阻抗	Mode振荡模式
30.000-40.000 KHz	40Kohm Max	Fundamental
40.000-60.000 KHz	35Kohm Max	Fundamental
60.000-100.000 KHz	30Kohm Max	Fundamental
1000.000-200.000 KHz	25Kohm Max	Fundamental

●Frequency VS.Temperature Curne



●Reflow condition 回流焊条件