



## GENERAL SPECIFICATIONS (电气特性)

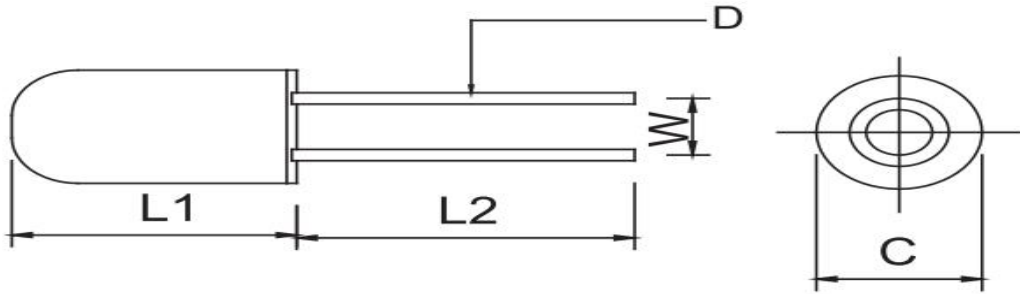
1. Series model: (系列号)	AT3*8
2. Normal Frequency: (标称频率)	4~27MHZ, 32.768000KHz
3. Oscillation Mode: (振动模式)	■ Fundamental    □ 3rd
4. Load Capacitance(CL): (负载电容)	12PF, 12.5 PF, 20PF
5. Frequency Tolerance 25±3℃: (频率偏差 25±3℃)	± 10 PPM, ± 20 PPM
6. Stability Over Temperature Range: (工作温度频率偏差)	± 30 PPM    at -20℃ to +70℃
7. Effective Series Resistance: (等效电阻)	4MHZ ≤ 180Ω 6.7458 ≤ 120Ω 16 ≤ 100Ω 25~27MHZ ≤ 80Ω 32.768KHZ ≤ 70KΩ
8. Shunt Capacitance(C0): (静态电容)	≤ 3 PF
9. Typical drive level: (激励功率)	1.0 uW TYP.
10. Operation Temperature Range: (工作温度范围)	-30℃ to +80℃
11. Storage Temperature: (存储温度)	-40℃ to +85℃
12. Insulation Resistance: (绝缘阻抗)	≥ 500 MΩ at DC 100V
13. Aging: (老化率)	± 3 PPM/Year
14. Leak (检漏)	1×10 <sup>-7</sup> Torr.1/sec Max
15. Test circuit (测试仪器)	S&A 250B Pi-Network Crystal Measurement System

### Remark (备注):

晶振最佳储存条件: 温度: 25±5℃, 湿度: <70%。  
密封包装, 切勿挤压。

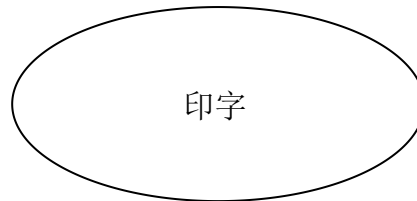


## DIMENSIONS SPECIFICATIONS (外形尺寸)

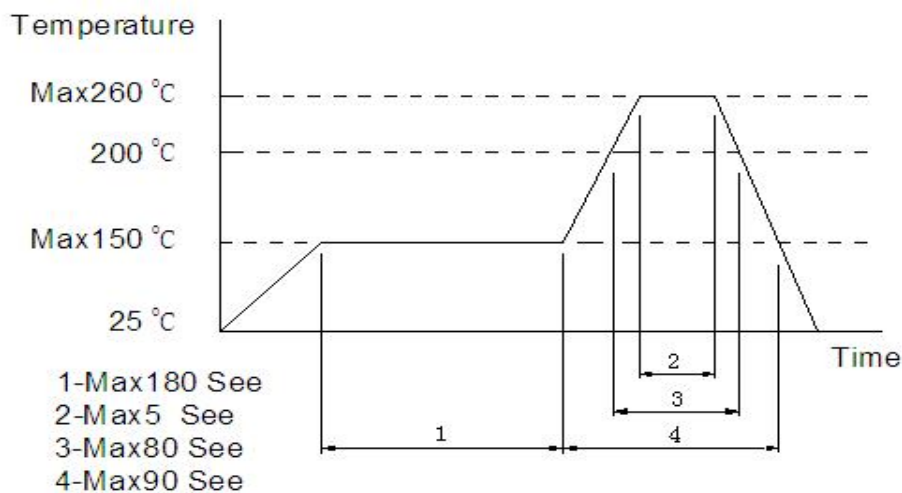


型号	外形尺寸(mm)				
	L1	L2	W	C	D
AT309	9.0	10.0	1.1	3.0	0.35
AT308	8.0	10.0	1.1	3.0	0.35
AT206	6.0	7.0	0.7	2.0	0.25

## MARK (印字)



## SODLE REFLOW PROFILE (回流焊曲线)



## PACKING (包装)

**1000 PCS/bag、5000 PCS/box**

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