



## GENERAL SPECIFICATIONS (电气特性)

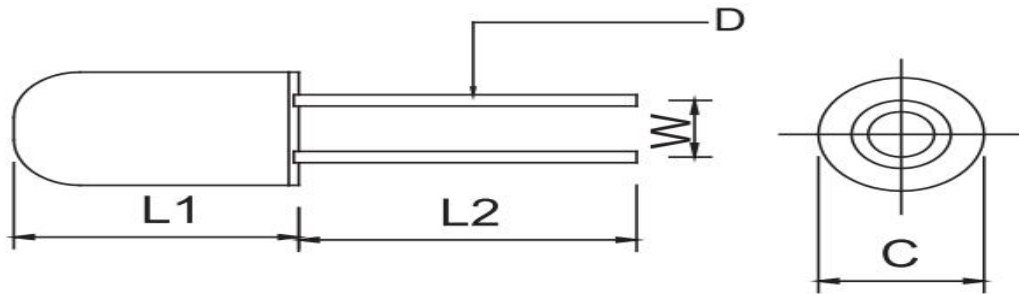
|                                                    |                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------|
| 1. Series model:<br>(系列号)                          | AT2*6                                                                        |
| 2. Normal Frequency:<br>(标称频率)                     | 16~24.576MHZ, 32.768KHz                                                      |
| 3. Oscillation Mode:<br>(振动模式)                     | <input checked="" type="checkbox"/> Fundamental <input type="checkbox"/> 3rd |
| 4. Load Capacitance(CL):<br>(负载电容)                 | 12PF, 12.5PF, 20PF                                                           |
| 5. Frequency Tolerance 25±3℃:<br>(频率偏差 25±3℃)      | ±10PPM, ±20PPM                                                               |
| 6. Stability Over Temperature Range:<br>(工作温度频率偏差) | ±30 PPM    at -20℃ to +70℃                                                   |
| 7. Effective Series Resistance:<br>(等效电阻)          | 16MHZ ≤ 100Ω<br>24~24.576MHZ ≤ 60Ω<br>32.768KHZ ≤ 70KΩ                       |
| 8. Shunt Capacitance(C0):<br>(静态电容)                | ≤ 3PF                                                                        |
| 9. Typical drive level:<br>(激励功率)                  | 100 uW    TYP.                                                               |
| 10. Operation Temperature Range:<br>(工作温度范围)       | -20℃ to +70℃                                                                 |
| 11. Storage Temperature:<br>(存储温度)                 | -20℃ to +70℃                                                                 |
| 12. Insulation Resistance:<br>(绝缘阻抗)               | ≥ 500 MΩ    at    DC 100V                                                    |
| 13. Aging:<br>(老化率)                                | ± 3 PPM/Year                                                                 |
| 14. Leak<br>(检漏)                                   | 1×10 <sup>-7</sup> Torr.1/sec Max                                            |
| 15. Test circuit<br>(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。

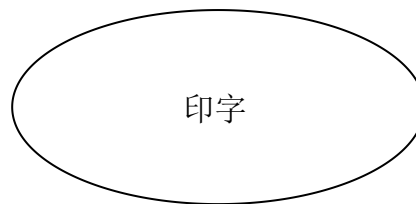


## DIMENSIONS SPECIFICATIONS (外形尺寸)

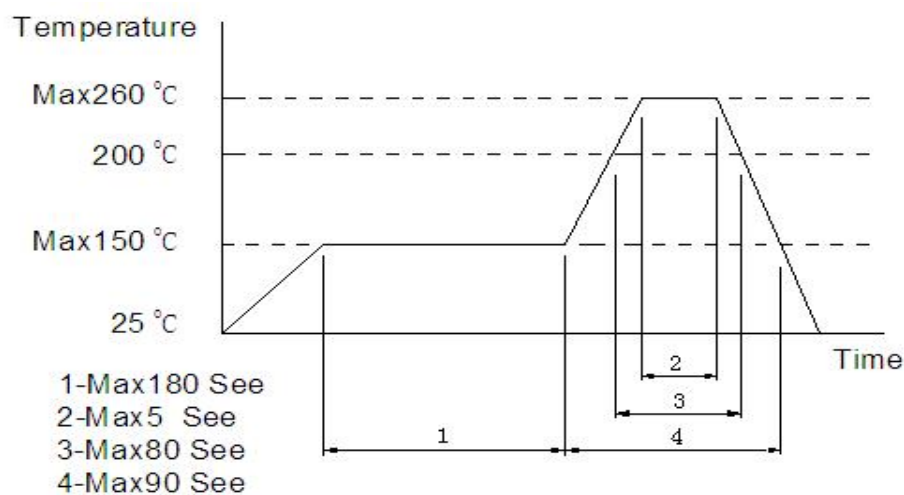


| 型号    | 外形尺寸(mm) |      |     |     |      |
|-------|----------|------|-----|-----|------|
|       | L1       | L2   | W   | C   | D    |
| AT309 | 9.0      | 10.0 | 1.1 | 3.0 | 0.35 |
| AT308 | 8.0      | 10.0 | 1.1 | 3.0 | 0.35 |
| AT206 | 6.0      | 7.0  | 0.7 | 2.0 | 0.25 |

## MARK (印字)



## SODLE REFLOW PROFILE (回流焊曲线)



## PACKING (包装)

**1000 PCS/bag、10000 PCS/box**