

## Quartz Crystal Units / 无源晶振

## **RL**

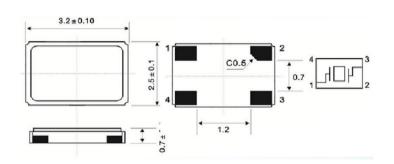
- ▶ 3.2\*2.5\*0.7mm, 4P 小体积
- ▶ ±10PPM 高精度、高频率稳定性
- ▶ -40°C ~ +85°C, 优良的耐环境性
- ▶ 滚边焊、满足无铅焊接的回流温度曲线要求
- ▶ 符合 RoHS、Reach 认证标准

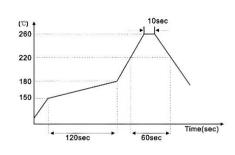


| 拉木参数 Technical Parameter |                                       |                             |
|--------------------------|---------------------------------------|-----------------------------|
| 频率范围                     | Frequency Range                       | 8.000MHz ~ 54.000MHz        |
| 振动模式                     | Mode                                  | FUND                        |
| 频率偏差                     | Frequency Deviation                   | ±10ppm ~ ±30ppm             |
| 频率温度特性                   | Frequency Temperature Characteristics | ±10ppm ~ ±30ppm             |
| 工作温度范围                   | Operating Temperature Range           | -40°C ~ +85°C, or specify   |
| 储存温度范围                   | Storage temperature Range             | -40°C ~ +85°C               |
| 老化率                      | Aging Rate                            | ±3ppm / year                |
| 负载电容                     | Load Capacitance                      | 8pF, 10pF, 12pF, or specify |
| 静电容                      | Static Capacitance                    | <3pf                        |
| 谐振电阻                     | Resonance Resistance                  | 见下表 / SEE PAGE              |
| 激励电平                     | Drive Level                           | Typ.100μW                   |

| 谐振电阻 Resonance Resistance |          |  |  |
|---------------------------|----------|--|--|
| 频率范围                      | 谐振电阻     |  |  |
| 8.0MHz ~ 10.0MHz          | 250Ω MAX |  |  |
| 10.0MHz ~ 20.0MHz         | 80Ω MAX  |  |  |
| 20.0MHz ~ 30.0MHz         | 40Ω MAX  |  |  |
| 30.0MHz ~ 54.0MHz         | 30Ω ΜΑΧ  |  |  |
|                           |          |  |  |

## 外观尺寸 Dimension(Unit:mm)





Solder melting point:220℃ Total time:200sec Max