

7.0×1.5 32.768KHz Crystal



APPLICATIONS

- RTC and Clocks
- IoT and Wireless Devices
- Smart Wearable Electronics

FEATURE

- Miniature 7.0×1.5mm
- Low Current
- Tight Tolerance

- High Stability

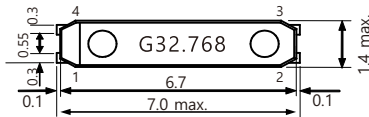


Electrical Specifications 电气参数

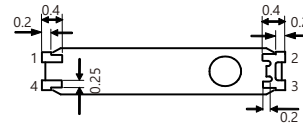
| 项目 | Item/Type | Electrical Specifications |
|--------|-----------------------------------|--|
| 标称频率 | Nominal Frequency | 32.768KHz |
| 调整频差 | Frequency Tolerance(at 25°C) | ±10ppm to ±20ppm |
| 频率温度系数 | Parabolic Coefficient | ±0.04×10 ⁻⁶ /°C ² max. |
| 工作温度 | Operating Temperature Range | -40°C ~ +85°C |
| 等效串联电阻 | Equivalent Series Resistance(ESR) | 65KΩ max. |
| 静电容 | Shunt Capacitance(C0) | 0.8pF typical |
| 激励功率 | Drive Level(DL) | 1.0μW max. |
| 负载电容 | Load Capacitance(CL) | 7pF,9pF,12.5pF |
| 拐点温度 | Turning Temperature | +25°C±5°C |
| 储存温度 | Storage Temperature Range | -55°C ~ +125°C |
| 年老化率 | Aging(25°C) | ±3ppm/year max. |

Mechanical Dimensions 外型尺寸

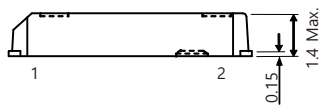
Units:mm



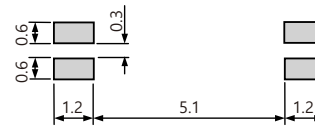
Top View



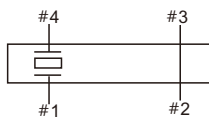
Bottom View



Side View



Land Pattern



Do not connect # 2 and # 3 terminals to any external circuits (including GND).