

# 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

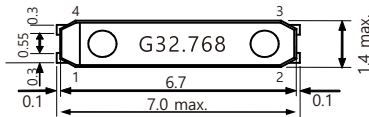


## Electrical Specifications 电气参数

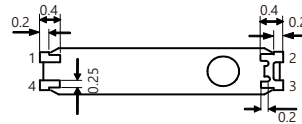
项目	Item/Type	Electrical Specifications
标称频率	Nominal Frequency	32.768KHz
调整频差	Frequency Tolerance(at 25°C)	±10ppm to ±20ppm
频率温度系数	Parabolic Coefficient	-0.04×10 <sup>-6</sup> /°C <sup>2</sup> max.
工作温度	Operating Temperature Range	-40°C ~ +85°C
等效串联电阻	Equivalent Series Resistance(ESR)	65KΩ max.
静电容	Shunt 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

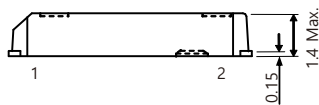
Units:mm



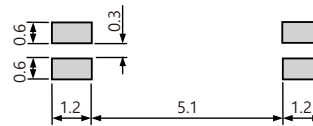
Top View



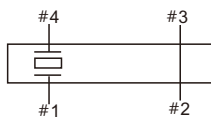
Bottom View



Side View



Land Pattern



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