

# 8.0×3.8 32.768KHz Crystal



## APPLICATIONS

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

## FEATURE

- Miniature 8.0×3.8mm
- Low Current
- Tight Tolerance

- High Stability

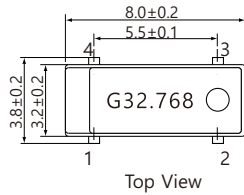


## Electrical Specifications 电气参数

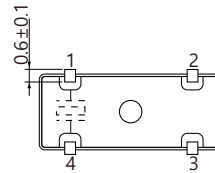
项目	Item/Type	Electrical Specifications
标称频率	Nominal Frequency	32.768KHz
调整频差	Frequency Tolerance(at 25°C)	±10ppm to ±20ppm
频率温度系数	Parabolic Coefficient	$-0.04 \times 10^{-6} / ^\circ\text{C}^2$ max.
工作温度	Operating Temperature Range	-40°C ~ +85°C
等效串联电阻	Equivalent Series Resistance(ESR)	50KΩ max.
静电容	Shunt Capacitance(C0)	0.9pF typical
激励功率	Drive Level(DL)	1.0μW max.
负载电容	Load Capacitance(CL)	6pF,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



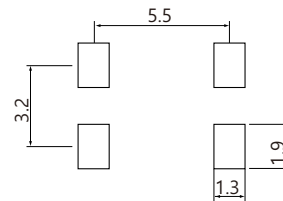
Top View



Bottom View



Side View



Land Pattern