

3.0×6.8 32.768KHz

8K系列



APPLICATIONS

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

FEATURE

- Miniature 3.0×6.8mm
- Low Current
- Tight Tolerance

- High Stability

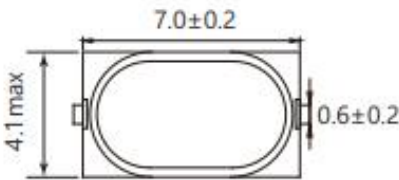
Electrical Specifications 电气参数



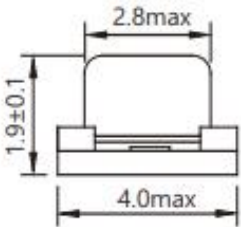
项目	Item/Type	Electrical Specifications
标称频率	Nominal Frequency	32.768KHz
调整频差	Frequency Tolerance(at 25°C)	±10ppm, ±20ppm
频率温度系数	Parabolic Coefficient	-0.02~-0.04 PPM/°C ²
工作温度	Operating Temperature Range	-40°C ~ +85°C
等效串联电阻	Equivalent Series Resistance(ESR)	70KΩ max.
静电容	Shunt Capacitance(C0)	1.0pF typical
激励功率	Drive Level(DL)	0.5μW 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
老化率	Aging(25°C)	±2ppm/year max.

Mechanical Dimensions 外型尺寸

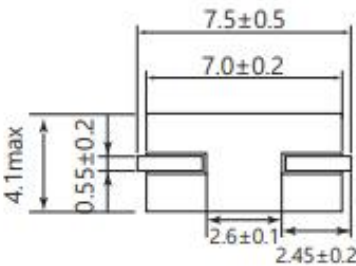
Units:mm



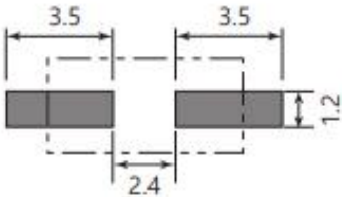
Top View



Side View



Bottom View



Land Pattern