



Features - Size (LxW)3.2 x 1.5mm,Height (H) 0.75 mm

3000pcs / reel



Features 特性

- Frequency:32.768KHz
频率：32.768KHz
- Stability, High Reliability, and Excellent Wide-Temperature Frequency-Temperature Characteristics
可靠性、稳定性高、优良的宽温频率温度范围
- Application fields: RTC, Clock timing modules, Consumer electronics, and Medical Systems

应用领域RTC、时钟计时模块、消费类电子产品、医疗系统

Specifications 规格参数

Frequency Range 频率范围	32.768KHz	XTF-3215
Crystal Cut 晶片切割	XY-Cut	
Load Capacitance 负载电容	6pF、7pF、9pF、12.5pF	可定制 or specify
Frequency Tolerance 调整频差 at 25℃	±10ppm, ±20ppm (max.) at 25°	可定制 or specify
Temperature Tolerance 温度频差	-0.04~-0.02ppm℃ ²	可定制 or specify
Operating Temperature Range 工作温度范围	-40 to +85℃	可定制 or specify
Storage Temperature Range 保存温度范围	-55~ +125℃	
Shunt Capacitance 静态电容	1.5pF Typ.	
Aging 老化率	±3ppm Max. at First Year	25℃ ±5℃
Drive Level 激励电平	0.1μW typical .	0.5μW Max.
Insulation resistance 绝缘电阻	500 MΩ Min.	

Equivalent Series Resistance 等效串联电阻(ESR)

Frequency Range (KHz)频率范围	ESR Max (KΩ)电阻	Crystal Cut 晶片切割
32.768KHz	70 KΩ	XY-Cut
32.768KHz	Low ESR 45 KΩ Max.	XY-Cut

Frequency Stability Vs. Operating Temperature Range 频率稳定性与工作温度范围

Operating Temperature Range 工作温度范围	Temperature Tolerance 温度频差
-20 ~ +70℃	-0.04~-0.02ppm℃ ² 可定制 or specify
-40 ~ +85℃	-0.04~-0.02ppm℃ ² 可定制 or specify
-40 ~ +105℃	-0.04~-0.02ppm℃ ² 可定制 or specify

Dimensions and Recommended Land Pattern 外观尺寸及推荐焊盘

