

音叉晶体-SMD3215,2012,1610 Crystal KHZ

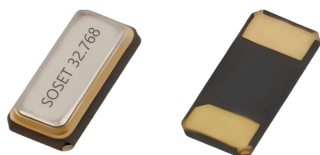


● 特征Features :

- Package Size : 3.2*1.5, 2.0*1.6, 1.6*1.2
- Frequency Range: 32.768KHz
- High precision and high frequency stability.
- Ultra-small and ultra-thin tuning fork crystal.

● 应用领域Applications:

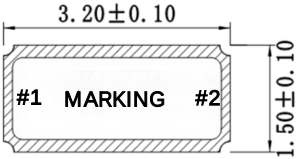
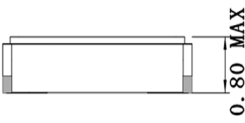
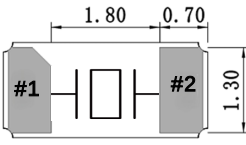
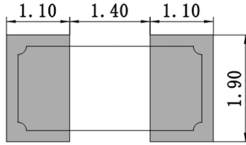
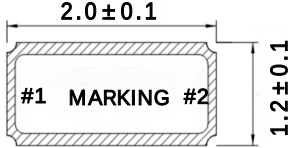
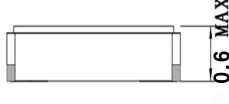
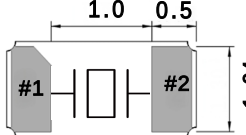
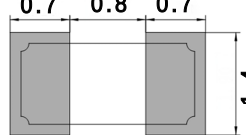
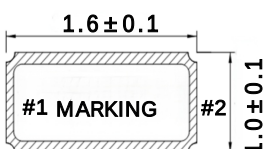
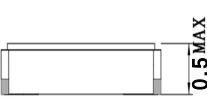
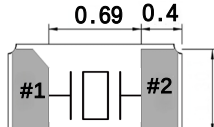
- Mobile communication devices, wearables, clocks, meters, instruments, etc



● 电气规格Electrical Specifications

类型/尺寸Type/Size	3215	2012	1610
频率范围 Frequency Range	32.768KHz		
负载电容 Load Capacitance	6 pF, 7 pF, 9pF, 12.5pF		
频率偏差 Frequency tolerance at 25°C	±10ppm , ±20ppm		
频率温度系数 Parabolic coefficient	±0.04×10 ⁻⁶ /°C ² max.		
等效串联电阻 Equivalent series resistance	70 KΩ max.	90 KΩ max.	
工作温度 Operating Temperature	-40~+85 , or specify		
激励电平 Drive Leve	1 μW max.	0.5μW max.	
静态电容 Shunt capacitance (C0)	2pF or specify		
储存温度 Storage Temperature	-55~+125		
老化率 Aging at 25°C	+3 ppm/year or specify		

● 尺寸和焊盘Package Dimensions & Recommended Land Pattern (Unit: mm)

3215  Top View	 Side View	 Bottom View	 Top View Suggested Layout
2012  Top View	 Side View	 Bottom View	 Top View Suggested Layout
1610  Top View	 Side View	 Bottom View	 Top View Suggested Layout