

Crystal Resonator (晶体谐振器) - KX26

Applications 应用

- Frequency sources, time references, video systems, communication systems, measuring instruments, computers, embedded systems, functional module 频率源, 时间基准, 视频系统, 通信系统, 测量仪器, 计算机, 嵌入系统, 功能模块等



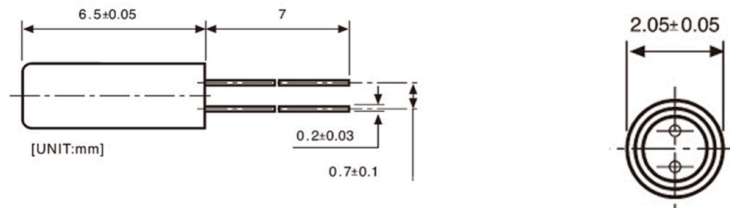
RoHS
Compliant
KOAN

General Specifications 规格参考

PARAMETER	性能参数	KX26
Nominal Frequency	标准频率	10.0MHz ~ 30.0MHz
Oscillation Mode	振荡方式	基频/泛音
Equivalent Series Resistance	谐振电阻	30~60Ω
Frequency Tolerance (25°C±3°C)	调整频差	±5ppm~±30ppm
Load Capacitance	负载电容	Series or Parallel (8~32pF)
Storage Temperature Range	储存温度范围	-55~+125°C
Drive Level	激励电平	100μW typical, 500μW max
Shunt Capacitance	静电容	7pF max
Insulation Resistance	绝缘电阻	500MΩ min
Aging Per Year	年老化率	±3ppm~±5ppm/year

Frequency Stability 温度频差 VS Operating Temperature Range 温度范围						
Temp. Code	Temp.\ppm	±10	±20	±30	±50	±100
B	-20~70°C	○	○	○	○	○
C	-40~85°C		○	○	○	○
F	-55~105°C				○	○
H	-55~125°C					○

Outline Dimensions (Unit: mm) 外形尺寸

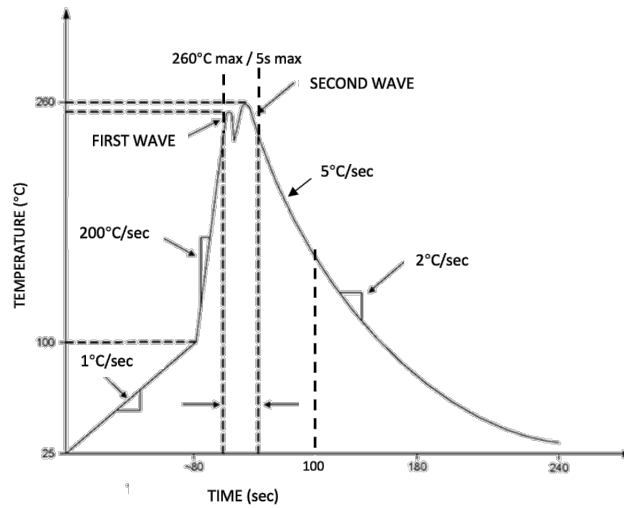


Part Number Guide 产品编号

KX26 - **12.000** - **F** - **20** - **C** - **30** - **30** - **NS**

型号	标称频率	振荡方式	负载	工作温度	调整频差	温度频差	特殊要求
'KX': 产品系列 '26': 封装尺寸 MHz		F-基频 T-泛音		B: -20~+70°C C: -40~+85°C F: -55~+105°C H: -55~+125°C	05 = ±5ppm 10 = ±10ppm 15 = ±15ppm 20 = ±20ppm 30 = ±30ppm	10 = ±10ppm 20 = ±20ppm 30 = ±30ppm 50 = ±50ppm 100 = ±100ppm	'NS': 特殊要求

Wave Solder Profile 波峰焊



Peak Wave Temperature	最高温	260°C max
Maximum Time across Both Waves	时间差	5 second max
Maximum Preheat Ramp Rate	预热速度	1°C/second typical; 4°C/second max
Ramp-Up Rate	升温速度	~200°C/second
Ramp-Down Rate	降温速度	5°C/second max