

晶体谐振器 Crystal Resonator: KX26 KX38

Feature 特征

- Ultra-compact, thin, lightweight crystal unit 超小型，轻薄，轻量化圆柱 MHz 谐振器
- Excellent electrical characteristics, ideal for portable electronic products, frequency sources 优异的电性能，适用于便携电子设备，频率源等



General Specifications 规格参考

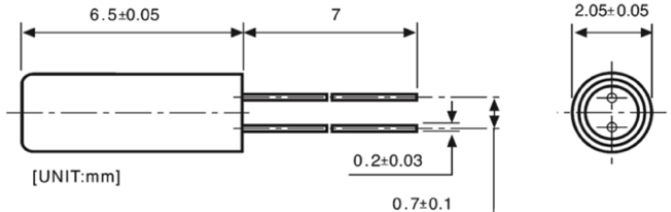
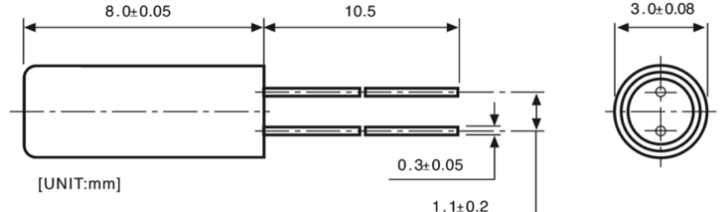
PARAMETER	性能参数	KX26	KX38
Frequency Range	频率范围	12MHz~30MHz	4MHz~40MHz
Oscillation Mode	振荡方式	基频	
Frequency Tolerance (25±3°C)	调整频差	±10ppm, ±20ppm, ±30ppm (max)	
Load Capacitance	负载电容	Series or Parallel (8~32pF)	
Frequency Stability	温度频差	见下表	
Operating Temperature Range	温度范围	见下表	
Equivalent Series Resistance	谐振电阻	30~180Ω	
Drive Level	激励电平	100μW max	
Shunt Capacitance	静电容	5pF max	
Insulation Resistance	绝缘电阻	500MΩ min	
Storage Temperature Range	储存温度范围	-40°C to +85°C	
Aging Per Year	年化率	±3ppm/year~±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
A	-10~60°C	○	○	○	○	○
B	-20~70°C		○	○	○	○
C	-40~85°C			○	○	○

NOTE: Please consult for other specifications 若有其它规格需求请告知

Outline Dimensions (Unit: mm) 外形尺寸

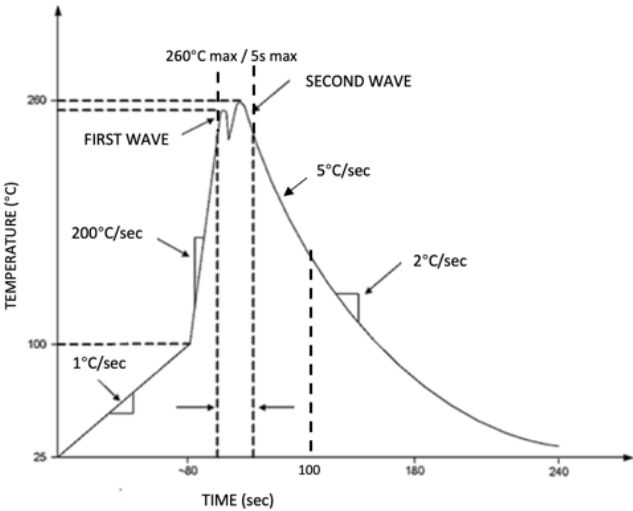
KX26	 [UNIT:mm]
KX38	 [UNIT:mm]

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	(In MHz)	F-基频 T-泛音	A: -10~+60°C B: -20~+70°C C: -40~+85°C	10 = ±10ppm 20 = ±20ppm 30 = ±30ppm	10 = ±10ppm 20 = ±20ppm 30 = ±30ppm 50 = ±50ppm 100 = ±100ppm

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	预热温度	1°C/second typ; 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