

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	±5ppm ~ ±30ppm	
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	老化率	±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

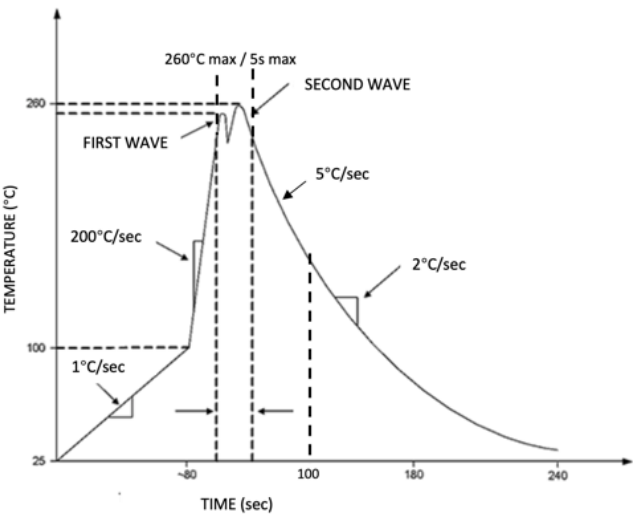
Outline Dimensions (Unit: mm) 外形尺寸

KX26	
KX38	

Part Number Guide 产品编号

<u>KX26</u>	-	<u>12.000</u>	-	<u>F</u>	-	<u>20</u>	-	<u>C</u>	-	<u>30</u>	-	<u>30</u>	-	<u>NS</u>
↓		↓		↓		↓		↓		↓		↓		↓
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				A: -10~+60°C		05 = ±5ppm		10 = ±10ppm		
								B: -20~+70°C		10 = ±10ppm		20 = ±20ppm		
										15 = ±15ppm		30 = ±30ppm		
										20 = ±20ppm		50 = ±50ppm		
										30 = ±30ppm		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

Revision 版本

版本 Rev.	修改页 Revise Page	修改内容 Revise Contents	日期 Date	修改人 Reviser
0	N/A	Initial issue	2020.09.27	JZ