深圳市凯越翔电子有限公司

石英谐振器规格书

产品名称：	石英晶振谐振器
产品型号：	3225/26.3236MHZ
产品参数：	22PF/±10ppm
原厂型号：	K3A2632A2210
凯越翔技术部：	董宗全

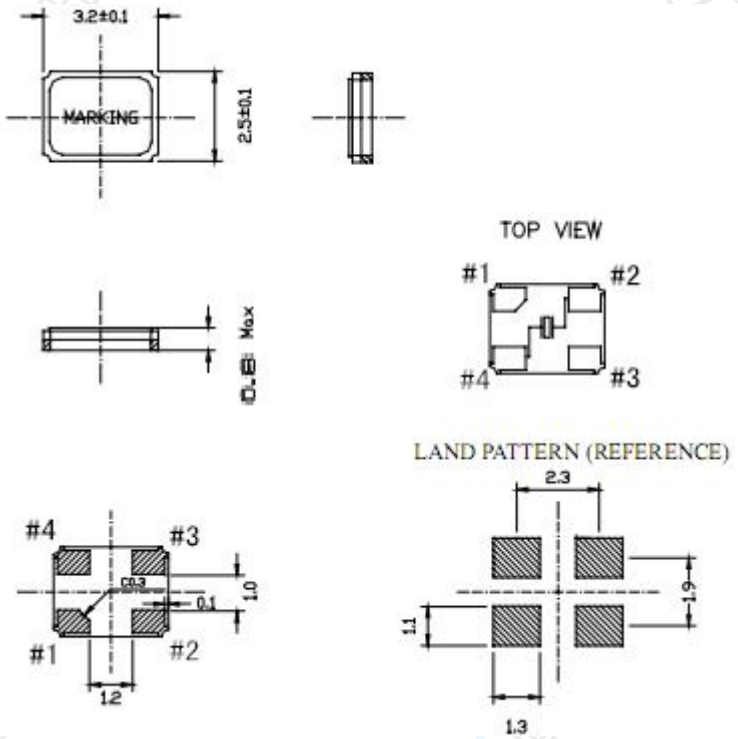
客 户 确 认 印 栏	
认 证 印 章 年 月 日	负 责 人 印 章 年 月 日

本规格章程连同本页合共 6 页

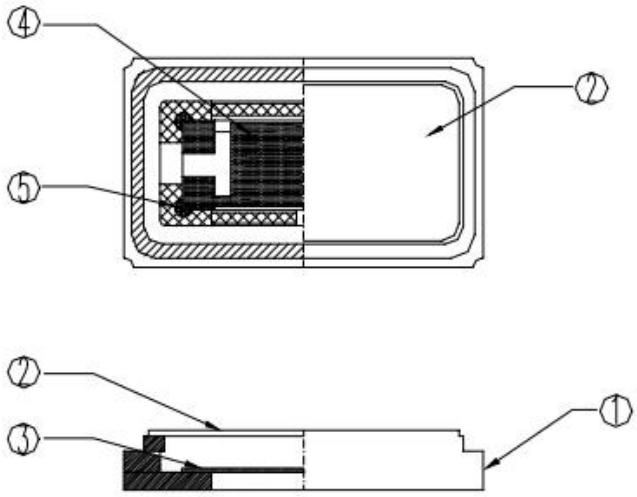
工厂地址：深圳市龙华区观澜人民路蔡发工业城一栋四层 TEL：0755-89315823 89315866
FAX：0755-89315223 官网：www.kaiyuexiang.com

1. Frequency:	26.3236 MHZ
2. Holder Type:	SMD3.2*2.5
3. Frequency Tolerance:	±**10**ppm at 25℃±3℃
4. Equivalent Series Resistance:	40Ω Max
5. Storage Temperature Range:	-40℃ ～ +85℃
6. Operating Temperature Range:	-40℃ ～ +85℃
7. Frequency Characteistics Over Temperatnre:	±20ppm -40℃～+85℃
8. Load Capacitance (CL):	22 PF
9. Drive Level:	100μW
10. Shunt Capacitance:	5PF MAX
11. Insulation Resistance:	≥500MΩ Min at 100 V
12. Mode Of Oscllation:	Fundamental
13. Aging:	±3ppm/Year
Marking description:	KYX26.3236

14. Dimensiors(mm):



16.Structure Illustration



PART NAME		MATERIAL	PART NAME		MATERIAL
1.	BASE	CERAMIC	4.	ELECTRODE	Metal
2.	LID	Co	5.	ADHESMES	SILVER GLUE
3.	BLANK	QUARTZ			

凯越翔晶振

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Reliability Testing 可靠性测试项目介绍

项目	验条件及要求	要求
Vibration 振动	Endurance condition by a frequency sweep shall be made. The entire frequency range from 10HZ to 50HZ and return to 10HZ, shall be transverseb in 1min. Amplitude(total excursion):1.5mm this motion shall be applied for a period of 2h each of 3 mutually perpendicular axes(a total of 6h) 振动频率：从 10HZ 到 55HZ,再回到 10HZ 1 倍频程/min 幅度为 1.5mm 3 个相互垂直的方向各 2 小时	(1).FL:+/-10ppm (2).Rr:+/-10Ω
Drop 跌落	Form 70cm height 3 times on 3cm hard wooden floor 从 70cm 高处跌落到 3cm 厚的硬质木板上，重复 3 次	
Shock 冲击	Peak acceleration:981m/s^2 duration of the pulse :6ms three successive shocks shall be applied in both direction of 3 mutually perpendicular axes(a total of 18 shocks) 加速度：981m/s^2 时间：6ms 作用在 3 个相互垂直的方向	(1).FL:+/-10ppm (2).Rr:+/-10Ω
Damp heat, constant 恒定湿热	The unit shall be stored at a temperature of 40℃±2℃with relative humidity of 90%to95% for 48h, then it shall be subjected to standard atmospheric conditions for 1～2h after which measurement shall be made. 在温度：40℃±2℃、湿度：90%to95%条件下存放 48 小时，然后在标准大气压下放置 1～2 小时后测试	
Cold 低温存储	The unit shall be stored at a temperature of-40℃±5℃ for 48h, then it shall be subjected to standard atmospheric conditions for 1～2h after which measurement shall be made. 在-40℃±5℃下存放 48 小时，然后在标准大气压下放置 1～2 小时后测试	
Dry heat 高温存储	The unit shall be stored at a temperature of 100℃±5℃ for 24h, then it shall be subjected to standard atmospheric conditions for 1～2h after which measurement shall be made. 100℃±5℃下存放 24 小时，然后在标准大气压下放置 1～2 小时后测试	
Aging 老化	The unit shall be stored at a temperature of 85℃±5℃ for 7d then it shall be subjected to standard atmospheric conditions for 1～2h after which measurement shall be made. 85℃±5℃下放置 7 天，然后在标准大气压下放置 1～2 小时后测试	
Temperature cycling 温度循环	The unit shall be subjected to 5 successive change of temperature cycles, each as show in table below,then it shall be subjected to standard atmospheric conditions for 1～2h after which measurement shall be made 在下表给定温度和时间参数的条件下循环 5 次，标准大气压下放置 1～2 小时后测试	

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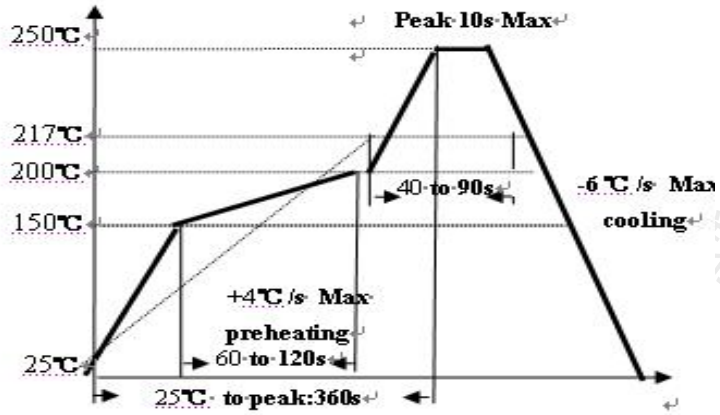
	Temperature 温度	Duration 放置时间
1	-40℃±3℃	30min（30 分钟）
2	Standard atmospheric conditions 标准大气压	Within 30s 30 秒内
3	100℃±3℃	30min （30 分钟）
4	Standard atmospheric conditions 标准大气压	Within 30s 30 秒内

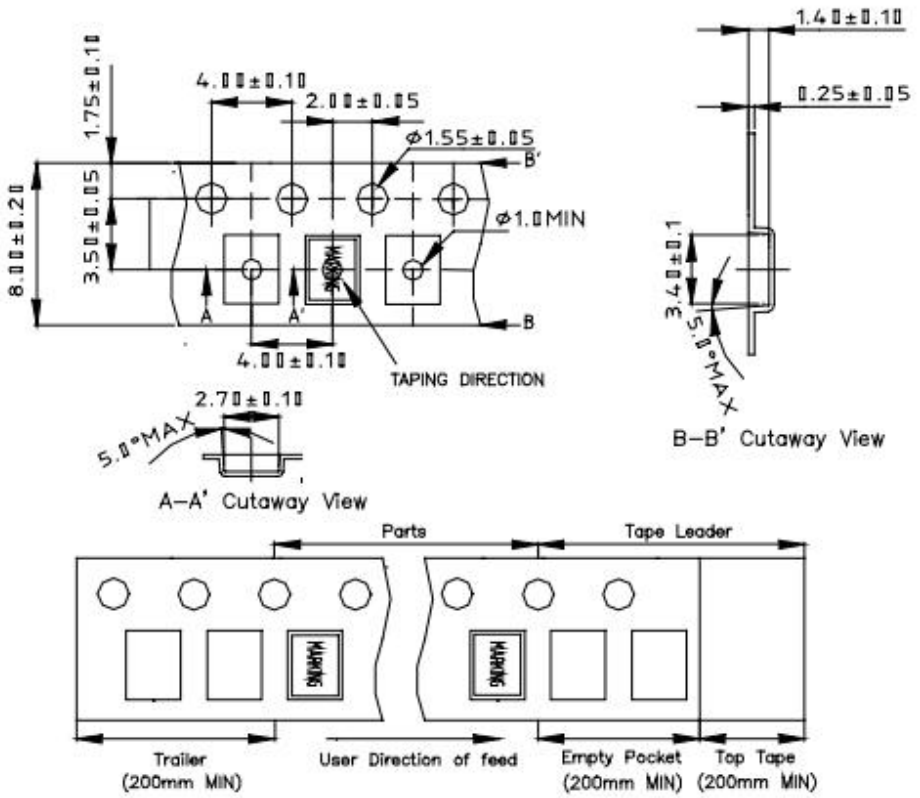
Resistance to soldering heat
耐焊接热



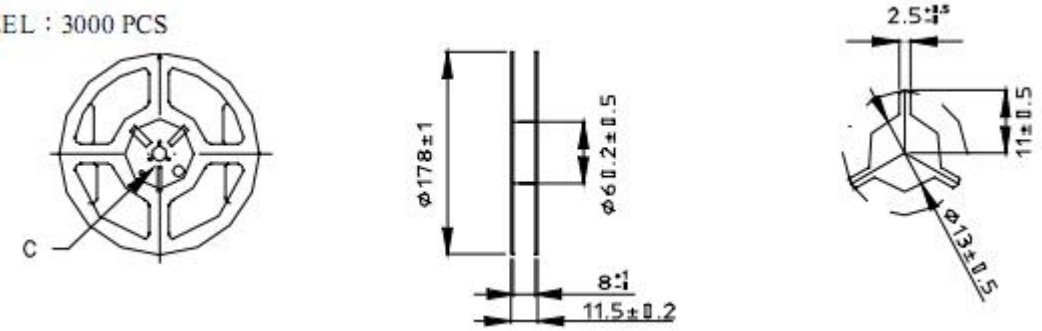
使用回流焊方法见上图

■ PACKING

1. CARRIER TYPE



2. REEL：3000 PCS



拟制	成望生	审 核	董宗全	批 准	谢为亮