



Shenzhen Yajingxin Electron Co.,Ltd

Customer	
Production Name	CRYSTAL SEAM 2.6*6.0
Customer P/N	N/A
P/N	T20632768KGBBZ2X
Revision	A
Print Date	2024-10-15

Drawn	Checked	Approved
		



RoHS Compliant

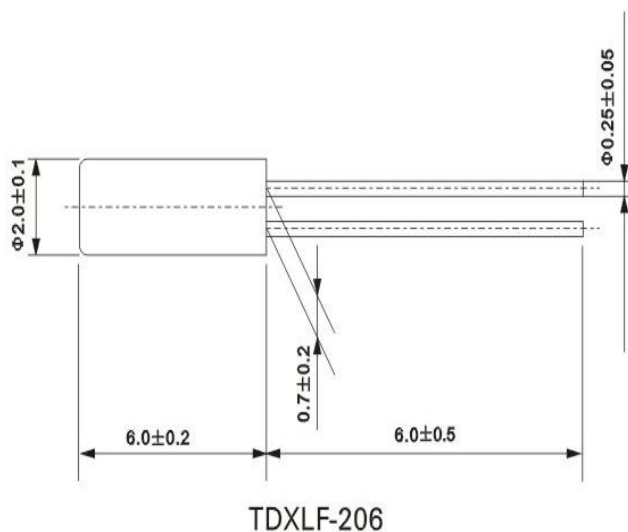


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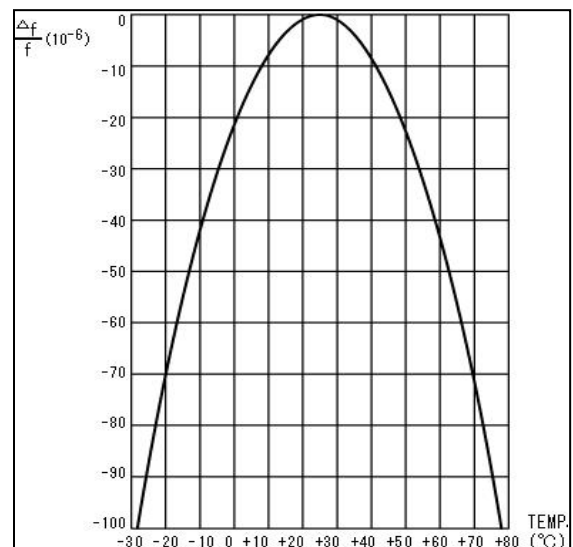
● ELECTRICAL PARAMETERS

谐振器产品技术指标		Min	Max	Units
1.Holder Type(型号规格)	SEAM 206			
3. Frequency (标称频率)		32.768000		KHz
4.Load Capacitance (CL) (负载电容)		12.5		pF
5.Drive Level (激励功率)		1.000		uw
6.Equivalent Resistance (谐振电阻)			40	KΩ
7.Shunt Capacitance (Co) (静态电容)		0	1.5	pF
8.Motional Capacitance (C1) (动态电容)		0.0028		fF
9.Frequency Tolerance at 25℃ (调整频差)		-10	10	ppm
10.Temperature Coefficient 二次温度系数		[-0.035±0.01]ppm/℃		
11.Insulation Resistance (at DC 100V) (绝缘电阻)		500		MΩ
12.Operating Temperature Range (工作温度范围)		-40	85	℃
13. Storage Temperature Range (储存温度范围)		-40	85	℃
14. Aging (老化率)		± 3		ppm/year
15. DLD2	N/A		N/A	Ω
16. FLD2			N/A	ppm
17. RLD2			N/A	Ω
18. SPDB	N/A		N/A	db
19. Other(其它)		N/A		

OUTLINE DIMENSIONS(UNIT:mm) 外形尺寸 (单位: mm)



FREQUENCY VS. TEMPERATURE CURVE





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No.	Test Items	Test Method and Condition	Requirements
1	振動 Vibration	(1)振動頻率Vibration Frequency 10 to 55Hz	頻率變化最大:±10ppm
		(2)振動幅度Vibration Amplitude 1.5mm	Frequency Change:±10ppm Max.
		(3)周期 Cycle Time 1-2min(10-55-10Hz)	電阻變化最大:5kohm
		(4)振動方向Direction X.Y.Z	Resistance Change:5kohm Max.
		(5)振動時間Duration 2h/each direction	
2	衝擊 Shock	從75cm高的地方自由跌落3次到30mm厚的硬木板上	頻率變化最大:±10ppm
		3 Times free drop from 75cm height to hard wooden	Frequency Change:±10ppm Max.
		board of thickness more than 30mm	電阻變化最大:5kohm Resistance Change: 5kohm Max.
3	氣密性 Leakage	晶體放入氬加壓罐內，充入氬氣壓力0.5-0.6Mpa保持1小時;然後使用氬質譜檢漏儀測試。 Put crystal units into a hermetic container and Helium for 0.5-0.6Mpa,and keep it for 1h;Check the leakage by a Helium leak detector	漏氣率小於:1x10 ⁻⁸ mbar.l/s Leakage:1x10 ⁻⁸ mbar.l/s Max.
4	可焊性 Solderability	將引線浸入完全熔化的焊錫鍋內3-5s, 焊錫溫度245℃±5℃ Put the leads of crystal units into solder melted tank for 3 to 5s Temperature of solder melted tank is 245℃±5℃	浸過引線面積的95%以上被新焊錫覆蓋 The dipped surface of the leads should be at least 95% covered with
5	手工焊接耐熱 Soldering iron resistance	350℃±10℃,3+1/-0 sec	頻率變化最大:±10ppm
			Frequency Change:±10ppm Max.
			電阻變化最大:10kohm Resistance Change: 10kohm Max.
6	波峰焊耐熱 Wave soldering	推荐使用下面的波峰焊溫度曲線進行波峰焊接。 The WAVE SOLDERING PROFILE as below is recommended:	

