

雅晶鑫電子

Shenzhen Yajingxin Electron Co.,Ltd

Customer	
Production Name	CRYSTAL SEAM 3.2*1.5
Customer P/N	
P/N	TNXM32768K2NQDCZT2T
Revision	A
Print Date	2022/5/20

Drawn	Checked	Approved
		



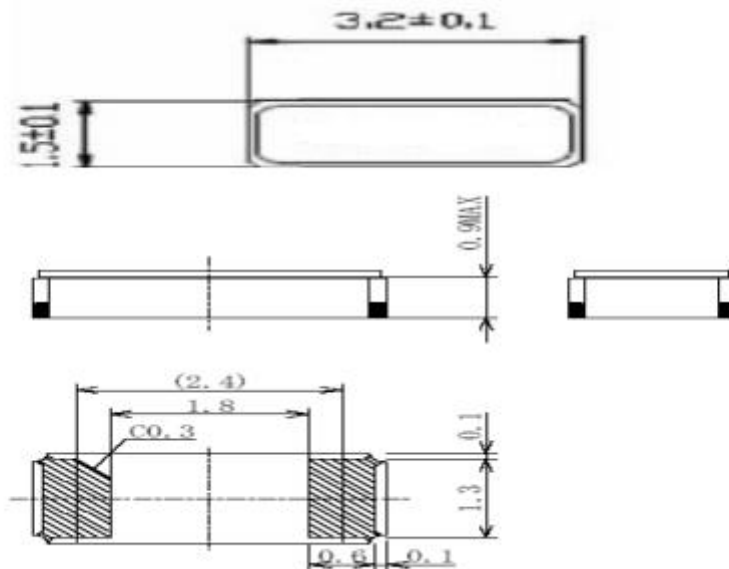
RoHS Compliant

● ELECTRICAL PARAMETERS

谐振器产品技术指标		Min	Max	Units
1.Holder Type(型号规格)		SEAM 3215		
3. Frequency (标称频率)		32.768000		KHz
4.Load Capacitance (CL) (负载电容)		7		pF
5.Drive Level (激励功率)		1.000		uw
6.Equivalent Resistance (谐振电阻)			70	KΩ
9.Frequency Tolerance at 25°C (调整频差)		-20	20	ppm
10.Temperature Coefficient 二次温度系数		[-0.034±0.01]ppm/°C		
11.Insulation Resistance (at DC 100V) (绝缘电阻)		500		MΩ
12.Operating Temperature Range (工作温度范围)		-40	85	°C
13. Storage Temperature Range (储存温度范围)		-55	125	°C
14. Aging (老化率)		± 5		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



参考标准REFER: JEDEC J-STD-020D

Profiles Feature	Pb-Free Assembly
Preheat/Soak	
Temperature Min (Ts min)	150°C
Temperature Max (Ts max)	200°C
Time (Ts) from (Ts min to Ts max)	60-120 seconds
Ramp-up rate (TL to TP)	3°C/second max.
Liquidous temperature (TL)	217°C
Time (TL) maintained above TL	60-150 seconds
Peak/Classification Temperature (TP)	260±5°C
Time within 5°C of actual Peak Temperature (TP)	20~40 seconds
Ramp-down rate (TP to TL)	6°C/second max.
Time 25 ° C to peak temperature	8 minutes max.
Suggest reflow times	3 Times max

