



Shenzhen Yajingxin Electron Co.,Ltd

Customer	
Production Name	SMD CRYSTAL SEAM 2.0*1.6
Customer P/N	N/A
P/N	YE40MDBDE2X
Revision	A
Print Date	2025-08-18

Drawn	Checked	Approved
		



RoHS Compliant

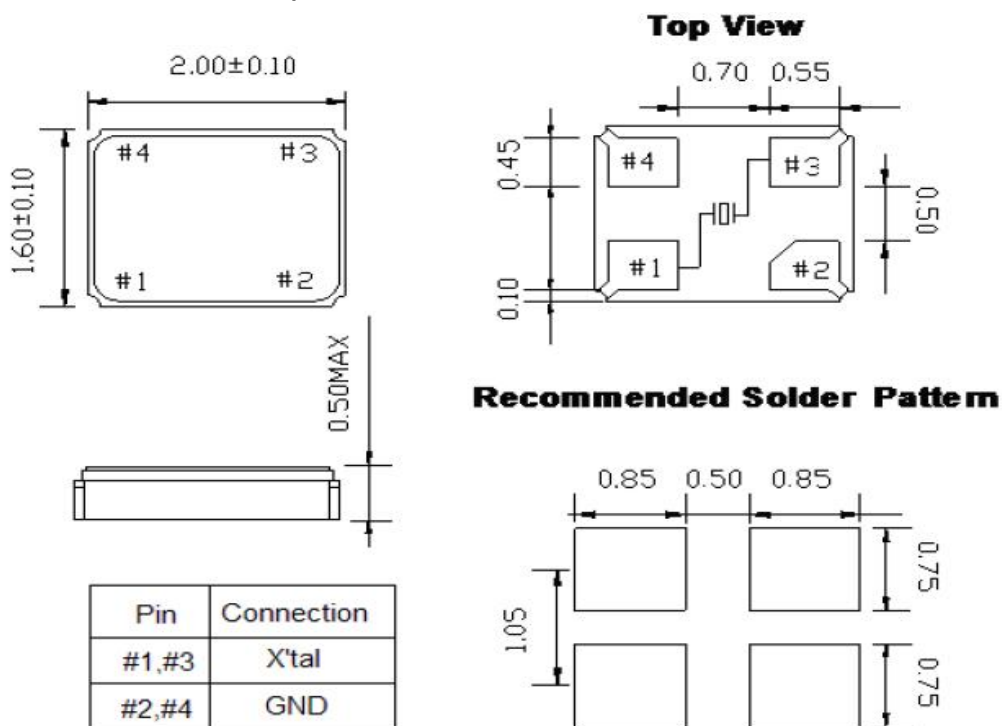


Shenzhen Yajingxin Electron Co.,Ltd

● ELECTRICAL PARAMETERS

谐振器产品技术指标		Min	Max	Units
1.Holder Type(型号规格)		SEAM 2.0*1.6		
2.Mode of Oscillation (振动模式)		Fundamental		
3. Frequency (标称频率)		40.000000		MHz
4.Load Capacitance (CL) (负载电容)		10		pF
5.Drive Level (激励功率)		≤100		uw
6.Equivalent Resistance (谐振电阻)		≤40		Ω
7.Shunt Capacitance (Co) (静态电容)		3		pF Max
8.Motional Capacitance (C1) (动态电容)		N/A		fF
9.Frequency Tolerance at 25℃ (调整频差)		-10	10	ppm
10.Stability over operation temperance (温度频差)		± 30		ppm
11.Insulation Resistance (at DC 100V) (绝缘电阻)		500MΩ Min @100V		MΩ
12.Operating Temperature Range (工作温度范围)		-30	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)





Shenzhen Yajingxin Electron Co.,Ltd

● SUGGESTED REFLOW PROFILE （回流焊曲线图）

Total time:200sec.Max. （总时间：200秒 最大）

Solder melting point:220℃（熔点220℃）

Profiles Feature（特性）		Pb-Free Assembly
Average Ramp-up Rate(Ts max to Tp)平均升温速度		3℃/second Max
Preheat	预热	
■ Temperature Min (Ts min)	最低温度	125℃
■ Temperature Max (Ts max)	最高温度	200℃
■ Time (ts min to ts max)	从最低到最高时间	(60~180) seconds
Time maintained above	维持上述时间	
■ Temperature(T1)	温度	217℃
■ Time(tp)	时间	(60~150) seconds
Peak/Classification Temperature(Tp) 最高点温度		260℃
Time within 5℃ of actual Peak Temperature(tp)		(20~40) seconds
Ramp-down rate		6℃/second max
Time 25℃ to Peak Temperature		8 minutes max
Suggest reflow times		3 Times max

