

深圳市晶科鑫实业有限公司



样品承认书

客户代码:					
物料名称:	温度补偿晶体振荡器TCXO				
规格型号:	SMD2520 6pin 32.000MHz 3.3V ±1PPM -30~85℃				
P N/ SJK:	7W32000I33XFH				
环保属性:	☒ RoHS ☒ REACH ☒ HF ☐ PAHS ☐ 其它				
版 次:	A1 2025-7-29 初版			最小包装:	3000pcs/real
湿敏等级:	一级				

承 认 签 章					
供 应 商 承 认			() 公 司 承		
制 定	审 核	核 准	工 程 师	审 核	批 准
贺丹斌	李相同	刘惠光			
SJK 支持			盖章签署		
FAE_EMAIL			日 期		
日 期			批示： ☐ 接受 ☐ 有条件接受		
备注:					

ELECTRICAL SPECIFICATIONS

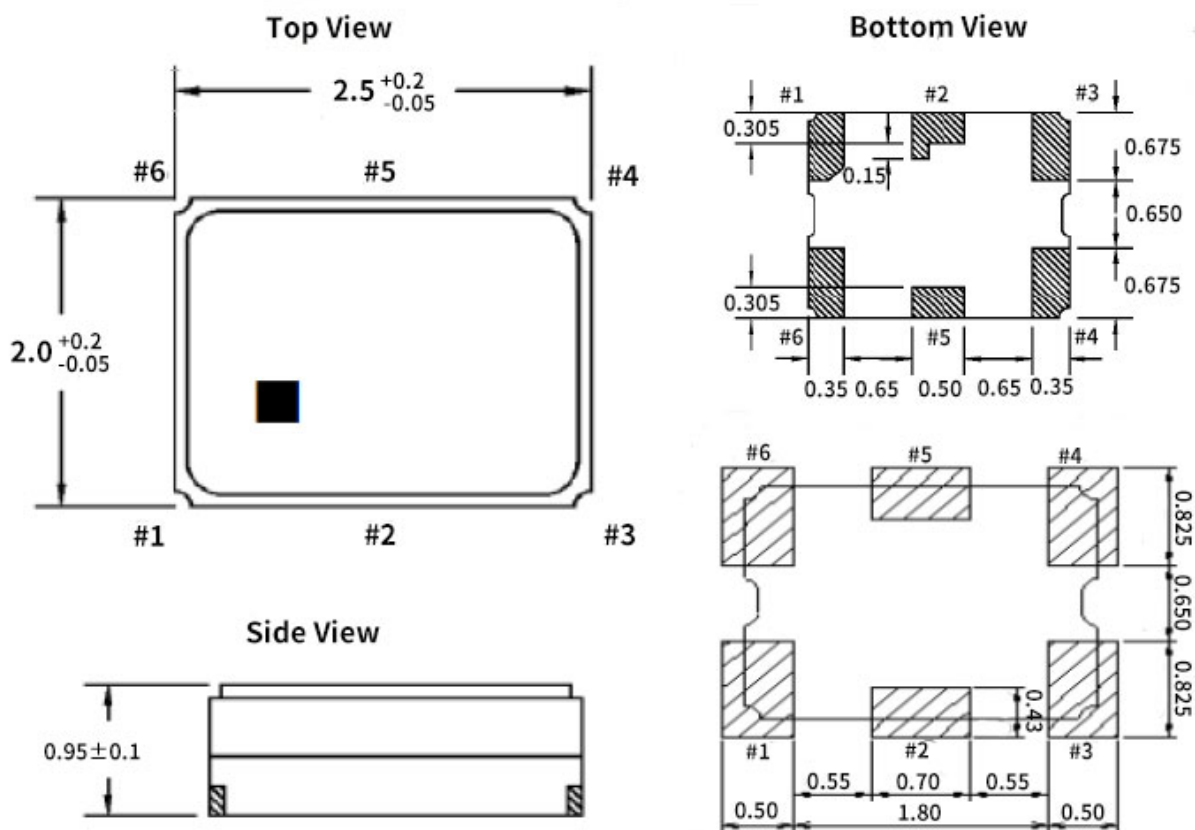
Parameters		Condition	Electrical Specifications			
			MIN	TYP	MAX	UNITS
Nominal Frequency			32.000			MHZ
Operating Temperature Range			-30		85	°C
Supply Voltage		±5%		1.8		V
		±5%		2.8		V
		±5%		3.0		V
Current Drain					2.0	MA
Output Level			0.8			Vp-p
Output Type			Clipped sine wave			
Output Load	Resistance			10		kΩ
	Capacitance			10		pF
Frequency Tolerance		After 2times reflow			±2.0	ppm
Frequency Stability	vs:Temperature	-30 ~ 85 °C			±1	ppm
	vs:Load	10kΩ/10pF ±10%			±0.2	ppm
	vs:Supply Voltage	V _{CC} ±5%			±0.2	ppm
Storage Temperature			-40		85	°C
Start-up Time	vs:Frequency	Within ±0.5ppm			2.0	ms
	vs:Output Level	To 90% of Vp-p			2.0	ms
Aging					±1.0	ppm/1year
Phase noise at 1KHz offset					-135	dBc/Hz

Crystal oscillator

SMD TCXO Module 2.5×2.0×0.95 7W Series

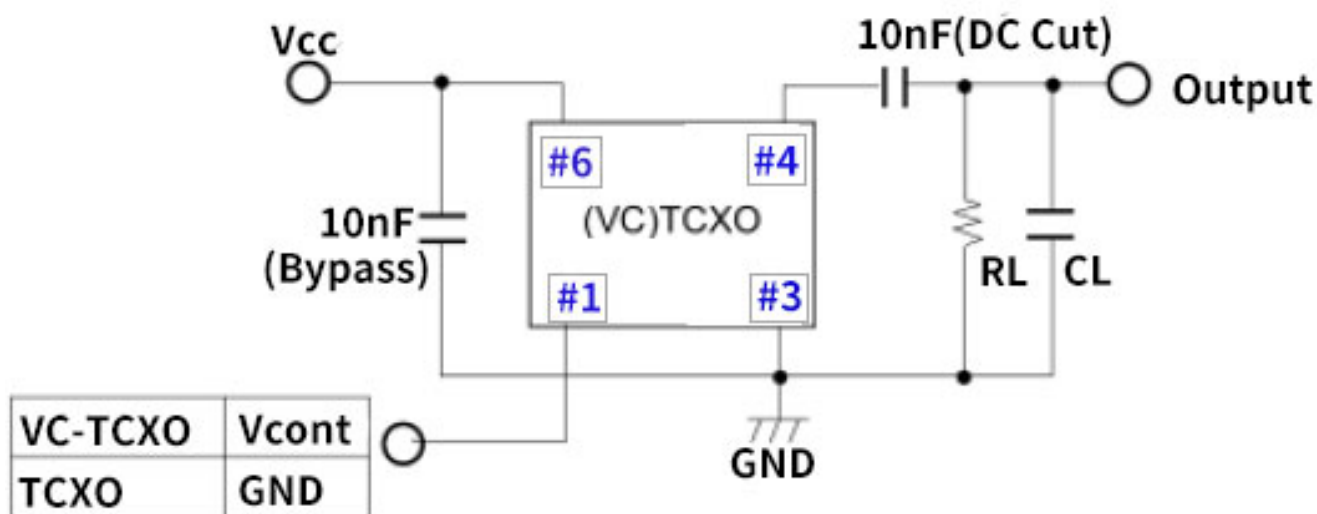


DIMENSION (Unit: mm)

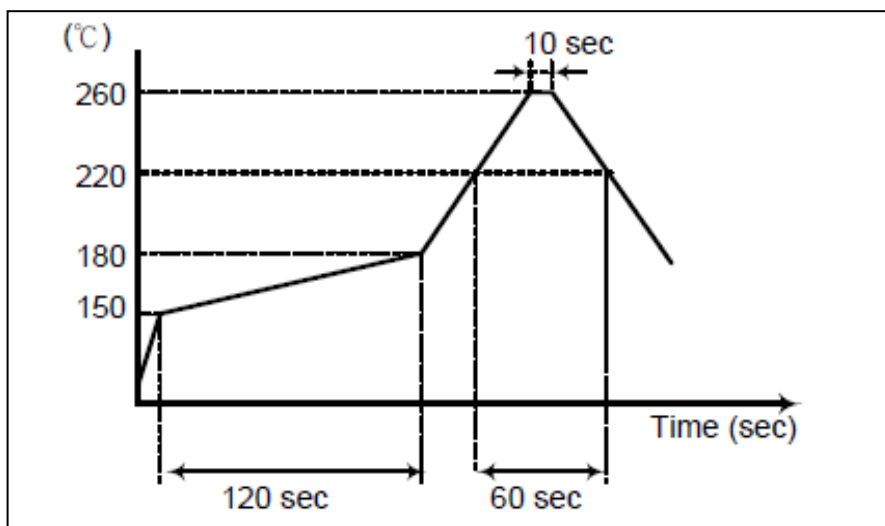


Pad	Function	Symbol
1	Ground	GND
2	N.C	N.C
3	Ground	GND
4	Output	OUT
5	N.C	N.C
6	Supply Voltage	V _{CC}

MEASUREMENT CIRCUIT

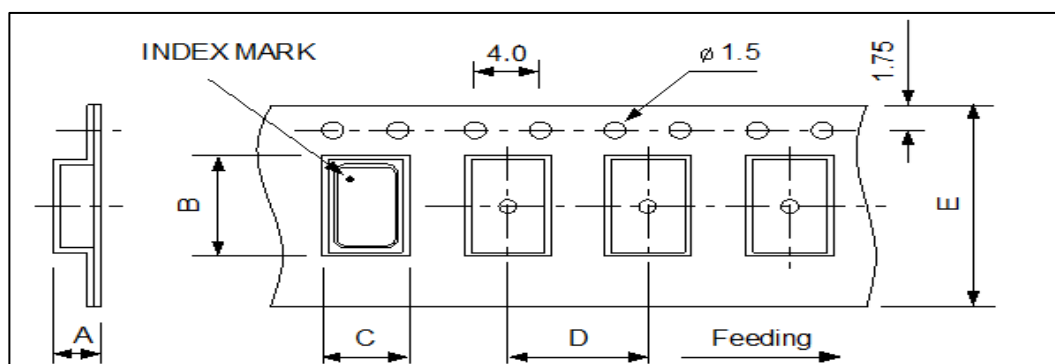


REFLOW CONDITION



The reflow temperature profile may vary depending on the product model, specifications and frequency range. Refer to the individual product specifications for details

CARRIER TYPE



REEL

