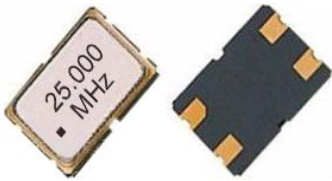




◆ OSC5032 Seam Sealing Crystal



FEAYURES

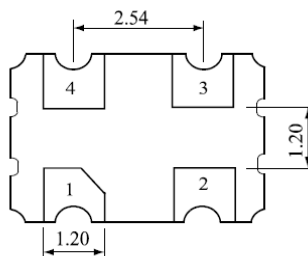
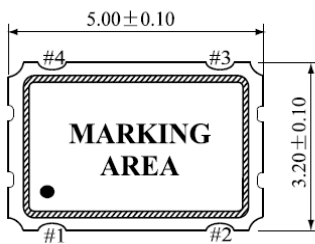
- Tri-State Enable/Disable
- TTL/HCMOS compatible
- Home security devices, networking, and base station applications
- 5V, 3.3V, 2.5V, 1.8V option
- 5.0*3.2*1.3 Miniature Package

◆ 标准规格 Electrical Specifications

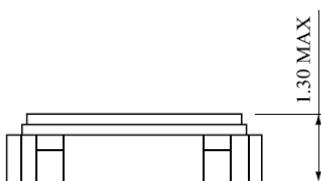
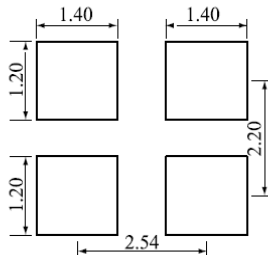
parameter	Condition	OSC5032			
标准频率 Frequency Range F_0		1~100MHz	1~130MHz		
调整频差 Frequency Stability *	All Condiyion	$\pm 20\text{ppm}, \pm 50\text{ppm} \pm 100\text{ppm}$			
工作温度 Operating Temperature Range		$-20^\circ\text{C} \sim +70^\circ\text{C} (-40^\circ\text{C} \sim +85^\circ\text{C} \text{ option})$			
贮存温度 Storage Temperature Range		$-55^\circ\text{C} \sim +125^\circ\text{C}$			
工作电压 Power suppl Voltage V_{DD}		5.0V \pm 10%	3.3V \pm 10%	2.5V \pm 10%	1.8V \pm 10%
输入电流 Supply Current I_{DD}	1.000MHz - 9.999MHz	15mA Max	8ma Max	7mA Max	6mA MaX
	10.000MHz - 34.999MHz	20mA Max	10mA Max	8mA Max	7mA Max
	35.000MHz - 49.999MHz	35mA Max	25mA Max	20mA Max	15mA Max
	50.000MHz - 130.000MHz	40mA Max	35mA Max	30mA Max	25mA Max
占空比 Duty Cycle	At 1/2VDD	40/60% (45/55% Option)			
上升时间 Rise Time T_s	10%VDD~10%VDD	5 nS Max	5 nS Max	6 nS Max	7 nS Max
下降时间 Fall Time T_r	90%VDD~10%VDD	5nS Max	5 nS Max	6 nS Max	7 nS Max
高低电平 Output Voltag V_{OH} V_{OL}		90%VDD Min			
		10%VDD Max			
输出负载 Output Load HCMOS Load		15PF TYP			
启动时间 Start Time T_s		10mS Max			
待机电流 Standby Current		10uA			
老化率 Aging (First Year)	$25^\circ\text{C} \pm 3^\circ\text{C}$	$\pm 2\text{ppm Msx}$			
三态功能 Pin 1, tri-state function		pin 1=H or open....Output active at pin 3			
		pin 1=L.....high impedance at pin 3			
最小包装 packing Unit		1000pcs/reel			

*Include: 25°C tolerance, operating temperature range input voltage change, aging, load ,change shock and vibration

◆ 外型尺寸 Mechanical Dimensions (mm)



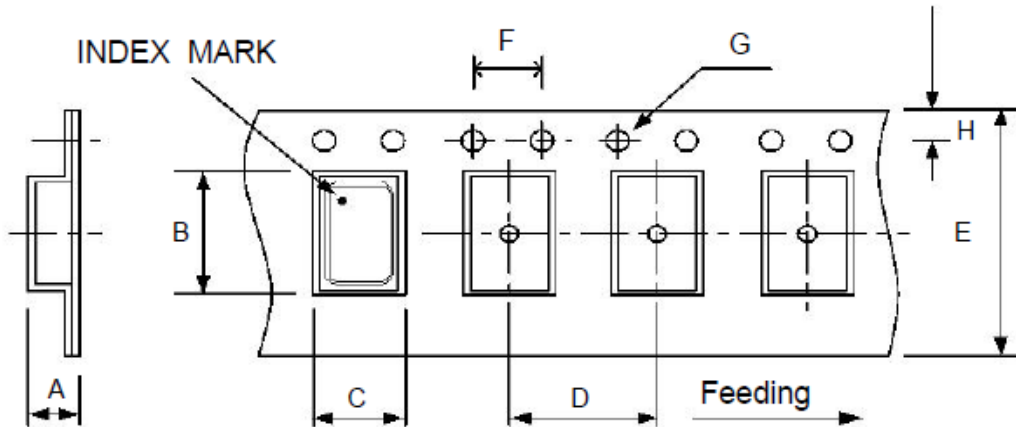
Recommended Solder Pattern



Pin	Connction
#1	Tri-State
#2	GND
#3	Output
#4	VDD

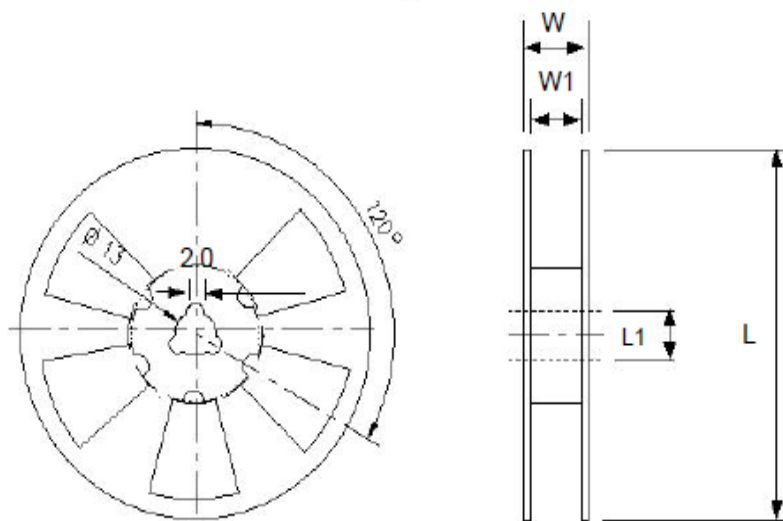
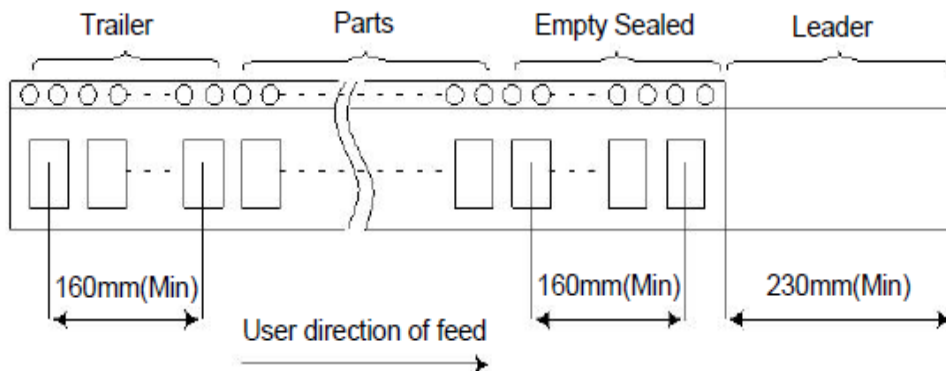


■ 包装 Packing



DIMENSIONS	A	B	C	D	E	F	G	H	(UNIT : mm)
	1.50	5.30	3.50	8.00	12.20	4.00	1.50	1.75	

REMARK :



DIMENSIONS	L	L1	W	W1	pcs / Reel (UNIT : mm)
	180	13.50	20.5	13.5	Standard Reel Quantity is 1,000 pcs per reel