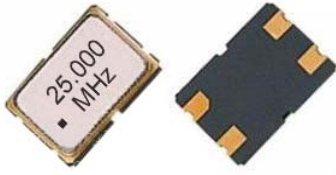




◆ OSC7050 Seam Sealing Crystal



FEAYURES

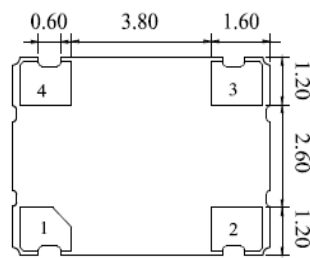
- Tri-State Enable/Disable
- TTL/HCMOS compatible
- Tape and Reel
- 5V,3.3V ,2.5V,1.8V option
- Ntworling and base station applications

◆ 标准规格Electrical Specific

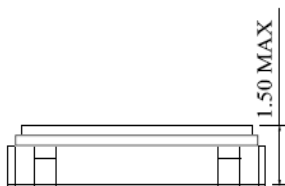
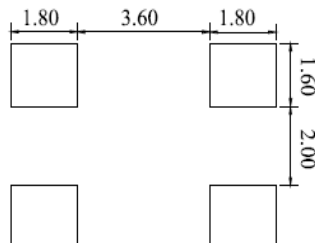
parameter	Condition	OSC7050			
		1~100MHz	1~130MHz		
标准频率Frequency Range F_0		1~100MHz		1~130MHz	
调整频差Frequency Stability *	All Condiyion	±20ppm, ±50ppm ±100ppm			
工作温度Operating Temperature Range		-20°C~+70°C(-40°C~+85°C option)			
贮存温度Storage Temperature Range		-55°C~+125°C			
工作电压Power supplil Voltage V_{DD}		5.0V+/-10%	3.3V+/-10%	2.5V+/-10%	1.8V+/-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 - 133.000MHz	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	6 nS Max	6 nS Max	7 nS Max	8 nS Max
下降时间Fall Time T_r	90%VDD~10%VDD	6 nS Max	6 nS Max	7 nS Max	8 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			
年老化率Aging(First Year)	25°C±3°C	±2ppm 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)



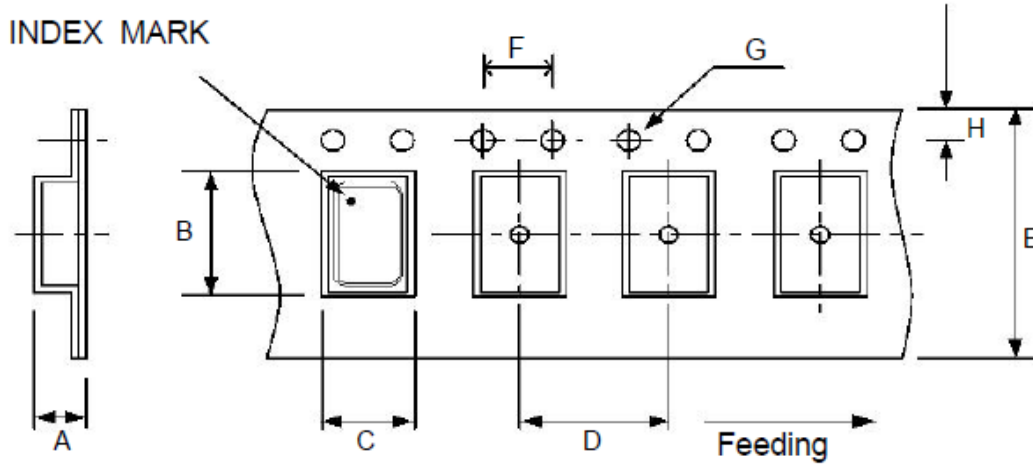
Recommended Solder Pattern



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

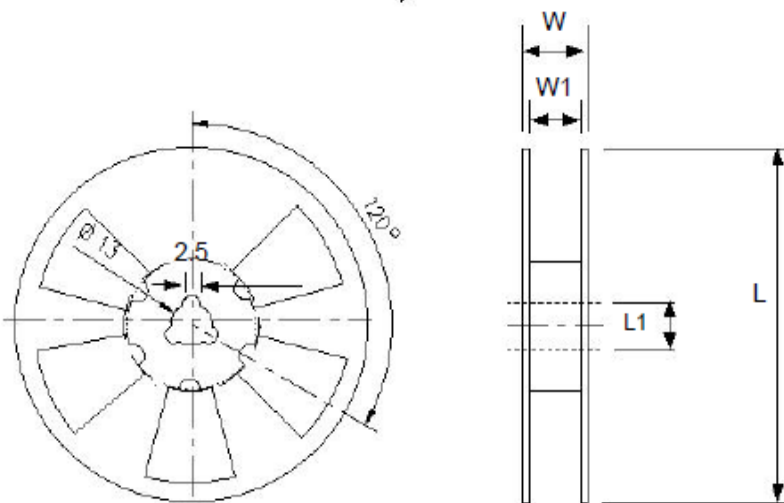
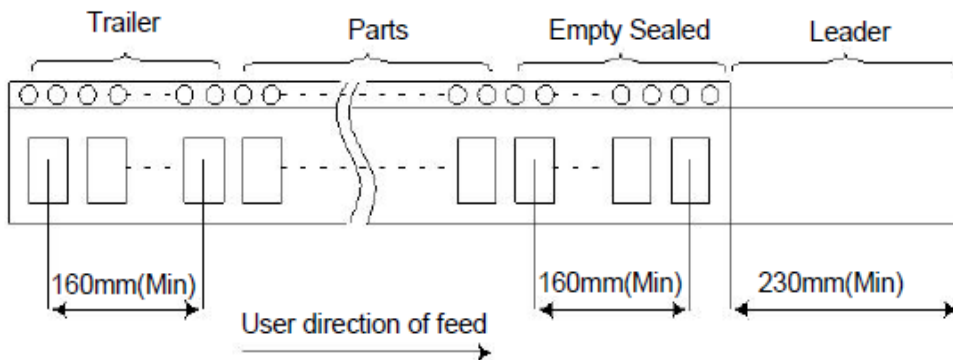


包装 Packing



DIMENSIONS	A	B	C	D	E	F	G	H	(UNIT : mm)
	2.00	7.50	5.45	8.00	16.00	4.00	1.50	1.75	

REMARK :



DIMENSIONS	L	L1	W	W1	pcs / Reel (UNIT : mm)
	178	13	20.5	17.5	Standard Reel Quantity is 1,000 pcs per reel