

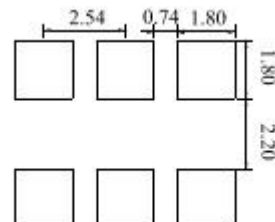
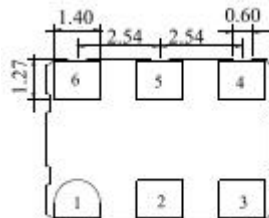
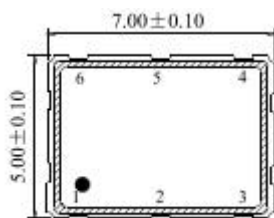


●VCXO SMD7050C (电气参数)

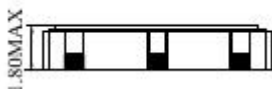
Feature : Frequency pulling range from $\pm 80 \sim \pm 200$ ppm

Supply Voltage/工作电压	1.8V	2.5V	3.3V	5V
Center Control Voltage/控制电压	0.9Vdc (0V~1.8V)	1.25Vdc (0.25V~2.25V)	1.65Vdc (0.3V~3V)	2.5Vdc (0.5V~4.5V)
Normal Frequency/频率范围	5MHZ~54.000MHZ			
Frequency Tolerance/25 $\pm 3^{\circ}$ C/调整偏差 25 $\pm 3^{\circ}$ C	± 20 PPM~ ± 50 PPM			
Operation Temperature Range/工作温度	-40 $^{\circ}$ C ~ +85 $^{\circ}$ C			
14.Storage Temperature/存储温度	-55 $^{\circ}$ C ~ +125 $^{\circ}$ C			
Duty Cycle/占空比	45/55 Standard			
Current Consumption/工作电流	20mA max			
0 Level OutputVoltage (Max.)/输出电平	10% VDD			
1 Level OutputVoltage (Min.)/输出电平	90% VDD			
Frequency Pulling Range/压控范围	$\pm 80 \sim \pm 200$ ppm			
Integrated Phase Jitter/抖动	1ps max (12KHz~20MHz)			
Input Impedance/输入电阻	5M Ω typical			
Start-up Time/起振时间	5ms typical, 10ms max			
Linearity/非线性误差	6% typical, 10% max			
Modulation Bandwidth (-3dB)	10KHz min. (Vcontrol=1.65V/2.5V)			
Aging 25 $\pm 3^{\circ}$ C /年老化率	± 2 ppm~ ± 4 ppm/year	Output Load/输出	15pF /CMOS	
Rise Time / Full Time 上升/下降时间	4ns typ.; 6ns max	Start Up Time 启动时间	2ms max	

●DIMENSIONS SPECIFICATIONS (外形尺寸)



Suggested Layout



引脚	连接
1	Vc
2	OE
3	GND
4	OUT
5	N.C.
6	Vcc

Unit:mm

●Reflow Condition(回流焊条件)

