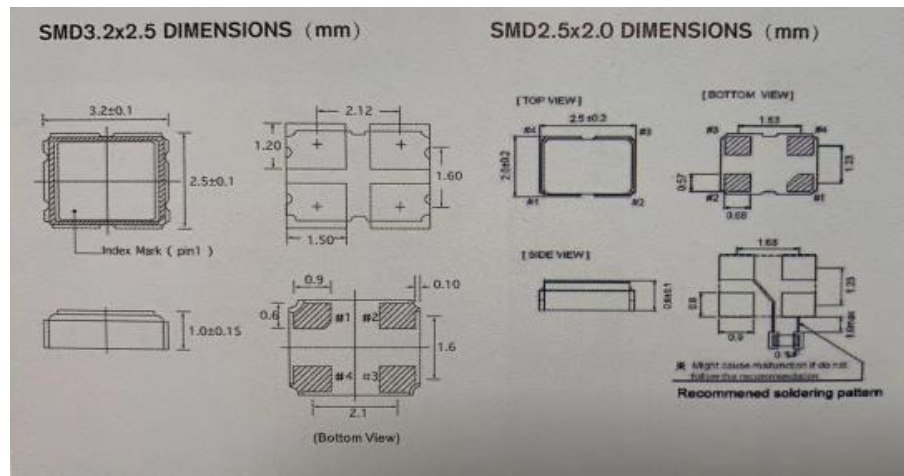
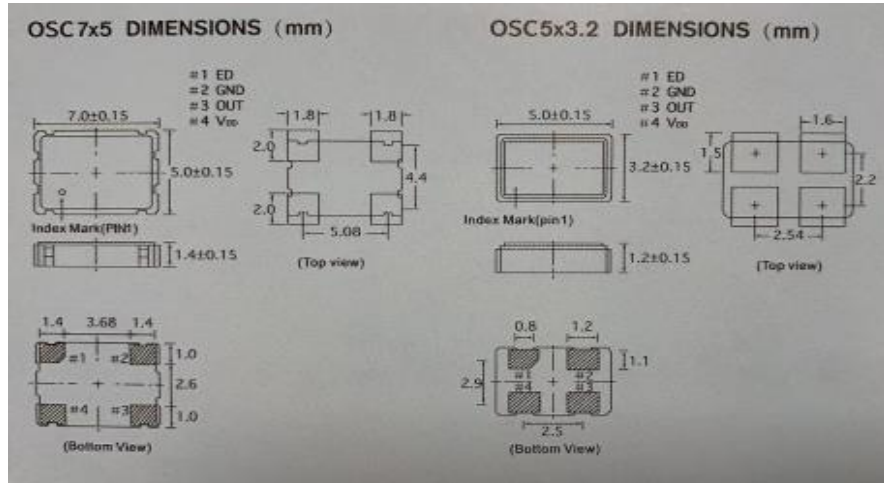


SMD OSCILLATOR



技術指標/SPECIFICATIONS

電氣特性	Electrical Specification	OC7050	OSC5032	OSC3225	OSC2520
頻率範圍	Frequency Range(F_0)	1MHz~156.25MHz	1MHz~125MHz	1MHz~125MHz & 32.768KHz	
輸出型式	Fan Out Type	CMOS/HCOMS/LVCMOS			
供給電壓	Supply Voltage (VDD) Recommended Operating	1.8V, 2.5V, 2.8V, 3.3V, 5.0V \pm 10%			
操作溫度範圍	Operating Temperature Range	-20°C ~ +70°C, -40°C ~ +85°C or specify			
溫度頻差	Frequency Stability Over Temperature	\pm 20ppm, \pm 50ppm, \pm 100ppm, or specify			
輸出模式	CMOS				
低電壓	V_{OL} (min)	0.18V, 0.25V, 0.28V, 0.33V, 0.5V			0.33V, 0.5V
高電壓	V_{OH} (max)	1.62V, 2.25V, 2.52V, 2.97V, 4.5V			2.97V, 4.5V
儲藏溫度範圍	Storage Temperature Range	-55°C ~ +125°C			
消耗電流	Input Current				1MHz~50MHz 10mA >50MHz 20mA
	3.3V	1.544Mhz~32Mhz 35mA(15pF)			
		32Mhz~85Mhz 45mA(15pF)			
		85Mhz~156.25Mhz 60mA(15pF)			
	5.0V	1.544Mhz~32Mhz 35mA(15pF)/45mA(30pF)			
32Mhz~85Mhz 50mA(15pF)/60mA(30pF)					
		85Mhz~156.25Mhz 70mA(15pF)			
占空比(對稱性)	Symmetry (duty cycle)	40%~60%; 45%~55%			
上升/下降時間	Rise/Fall Time (at 0.2V _{cc} ~0.8V _{cc})	10ns max			5ns max
負載電容	Load Capacitance	15pF/30pF/50pF			15pF/30pF/50pF
起振時間	Start-up time (Typical)	10ms max (15pF)			3ms max (15pF)

致能(動)功能	E/D Function	
	PIN # 1 Open or Vhigh $\geq 0.7VDD$	PIN#3 Active
年老化率	PIN#1 Vlow $\geq 0.3VDD$	Highz
	Aging @25°C 1 st year(Max)	$\pm 3ppm, \pm 5ppm/year$
除表中所列參數外, 可根據客戶需要設計		
In addition to the parameters listed in the table, it can be designed according to customer needs		

编带尺寸图 / Taping Dimensions

