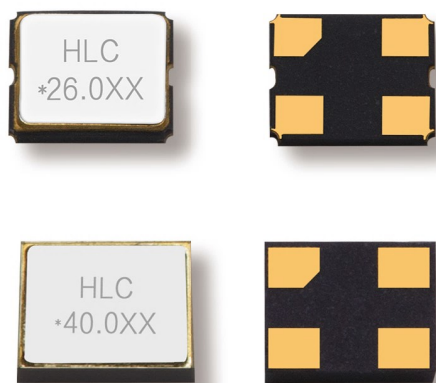
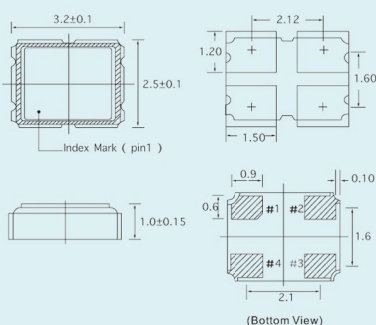


SMD OSCILLATOR

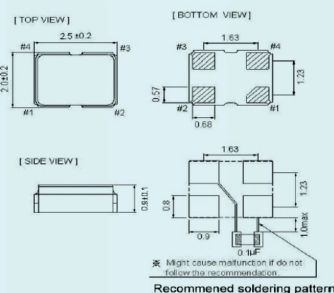
4PADS PACKAGE 3.2x2.5、2.5x2.0



SMD3.2x2.5 DIMENSIONS (mm)



SMD2.5x2.0 DIMENSIONS (mm)



技術指標 / SPECIFICATIONS

電氣特性	Electrical Specifications	OSC 3.2x2.5	OSC 2.5x2.0
頻率範圍	Frequency Range	1.544 ~ 125MHz	
輸出型式	Fan Out Type	CMOS/HCOMS/LVCMOS	
供給電壓	Supply Voltage (V _{DD}) Recommended Operating	1.8V, 2.5V, 2.8V, 3.3V, 5.0V±10%	
操作溫度範圍	Operating Temperature Range	-10°C to +70°C , -20°C to +70°C , -40 to +85°C	
溫頻偏差	Frequency Stability Over Temperature	±20ppm, ±50ppm, ±100ppm	
輸出電壓	Output Voltage	0.33V/0.5V	
低電壓	V _{OL} (max)	2.97V/4.5V	
高電壓	V _{OH} (min)		
儲藏溫度範圍	Storage Temperature Range	-40°C to +125°C	
消耗電流	Input Current	1 to 50MHz 10mA > 50MHz 20mA	
占空比 (對稱性)	Duty Cycle	40%/60%; 45%/55%	
上升/下降時間	Rise/Full Time (at 0.2V _{DD} ~ 0.8V _{DD})	5ns max	
負載電容	Load Capacitance	15pF/30pF	
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 V _{high} ≥ 0.7V _{DD} PIN # 1 V _{low} ≥ 0.3V _{DD}	PIN # 3 Active HighZ	
年老化率	Aging @25°C 1 st year(Max)	±3ppm, ±5ppm/year	

除表中所列參數外，可根據客戶需要設計。

We shall design according to customer's requests besides these specifications in the above table.

編帶尺寸圖 / Taping Dimensions

