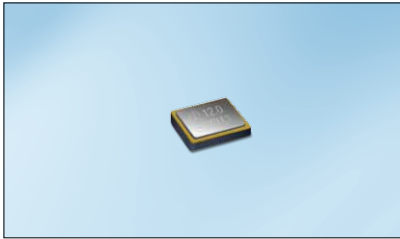


176 Series

SMD CERAMIC ENCLOSURE QUARTZ CRYSTAL OSCILLATORS 表貼石英晶體振盪器



FEATURES

- Ultra-miniature size
- High reliability seam welded package
- Pick and place assembly
- Low supply voltage version available



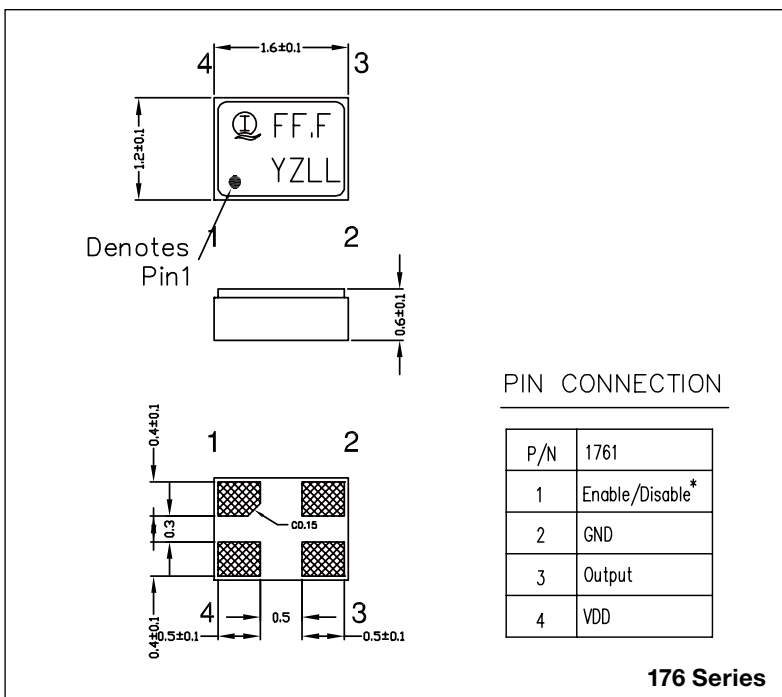
Standard crystal oscillators

Parameters		Specifications	
Output Waveform 輸出波型		CMOS	
Frequency Range 頻率範圍		1.25MHz ~ 40MHz	40MHz ~ 80MHz
Supply Voltage Range (Vdd) 工作電壓範圍		1.8V ~ 3.3V	
Overall Frequency Stability with refer to 25°C** 相對於 25°C 的總頻率偏差**		±20ppm, ±25ppm, ±30ppm, ±50ppm, ±100ppm	
Operating Temperature Range 工作溫度範圍		-20°C ~ +70°C, -40°C ~ +85°C	
Current Consumption (Idd) 消耗電流		10mA Max.	15mA Max.
Rise & Fall Time 上 / 下沿時間		8ns Max.	5ns Max.
Output Symmetry 輸出對稱性		40% ~ 60%, 45% ~ 55%	
Output Voltage 輸出電壓	V _{OH}	90% VDD	
	V _{OL}	10% VDD	
Output Load 輸出負載		15pF	
Start-up Time 起動時間		10ms Max.	
Storage Temperature Range 儲存溫度範圍		-55°C ~ +125°C	

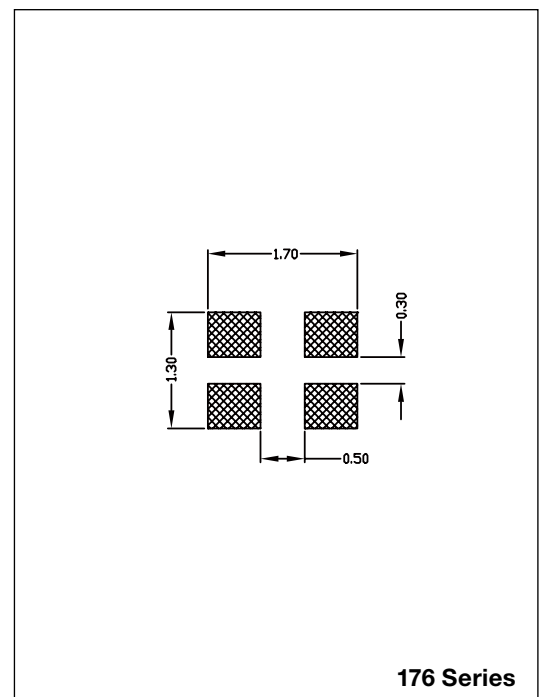
** Inclusive of initial frequency tolerance at 25°C, operating temperature range, supply voltage change, load variation and 1st year aging.
包括在常溫頻率偏差、工作溫度範圍的頻率偏差、首年老化率、工作電壓及負載變化造成的頻率偏差。

Please consult our sales representatives for other specifications
如對其他規格查詢，請與我司銷售人員聯繫

DIMENSION (mm)



SOLDERING PATTERN (mm)



All specifications are subject to change without prior notice.
本公司保留修改規格的權利。

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