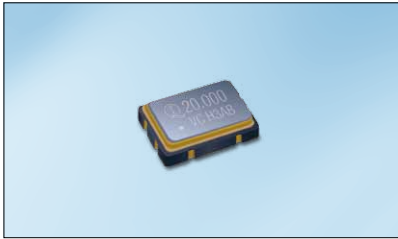


# VC600 Series

## SMD VOLTAGE CONTROLLED QUARTZ CRYSTAL OSCILLATORS 表貼壓控石英晶體振盪器

Voltage controlled crystal oscillators (VCXO)



### FEATURES

- Compact size
- Low profile
- Pick and place assembly
- High reliability seam welded package

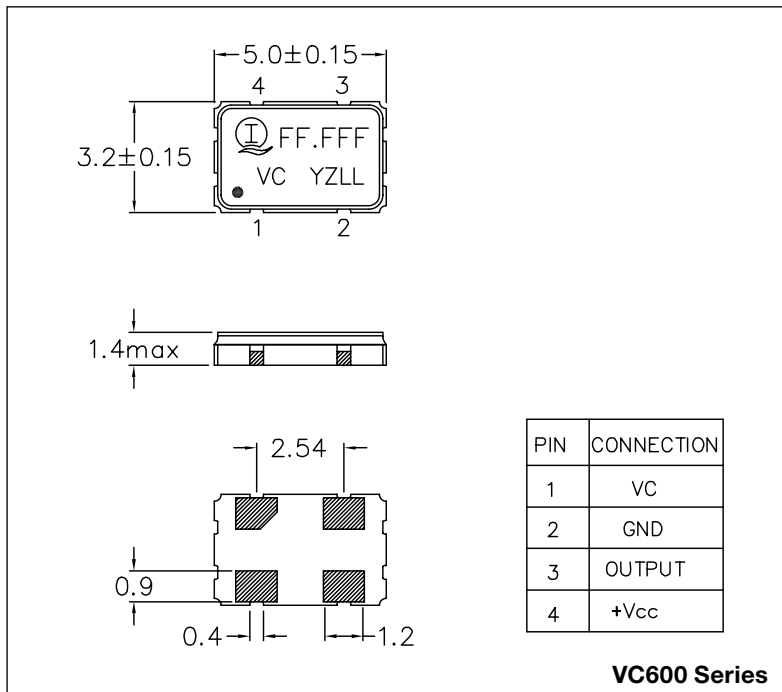


Parameters	Specifications	
Output Waveform 輸出波型	CMOS	
Frequency Range 頻率範圍	1.0MHz ~ 54.0MHz	
Supply Voltage Range (Vdd) 工作電壓範圍	1.8V, 2.8V, 3.3V, 5.0V	
Overall Frequency Stability with refer to 25°C** 相對於 25°C 的總頻率偏差**	±25ppm, ±50ppm, ±100ppm	
Operating Temperature Range 工作溫度範圍	-20°C ~ +70°C, -40°C ~ +85°C, -40°C ~ +125°C	
Current Consumption (Idd) 消耗電流	20mA typ.	
Rise & Fall Time 上 / 下沿時間	8ns Max.	
Output Symmetry 輸出對稱性	40% ~ 60%, 45% ~ 55%	
Output Voltage 輸出電壓	V <sub>OH</sub>	90% VDD
	V <sub>OL</sub>	10% VDD
Control Voltage Range 控制電壓範圍	0.90V±0.90V, 1.4V±1V, 1.65V±1.35V, 2.5V±2.0V	
Absolute Pulling Range 絕對牽引範圍	50ppm Min.	
Modulation Bandwidth (BW) 調制頻寬	5KHz Min.	
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	

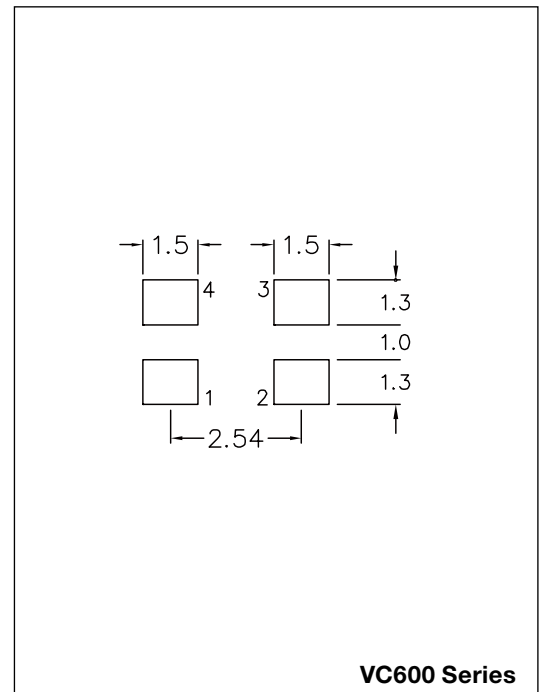
\*\* Inclusive of initial frequency tolerance at 25°C, operating temperature range, supply voltage change, load variation and 1st year aging.  
包括在常溫頻率偏差、工作溫度範圍的頻率偏差、首年老化率、工作電壓及負載變化造成的頻率偏差。

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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