

FEATURES

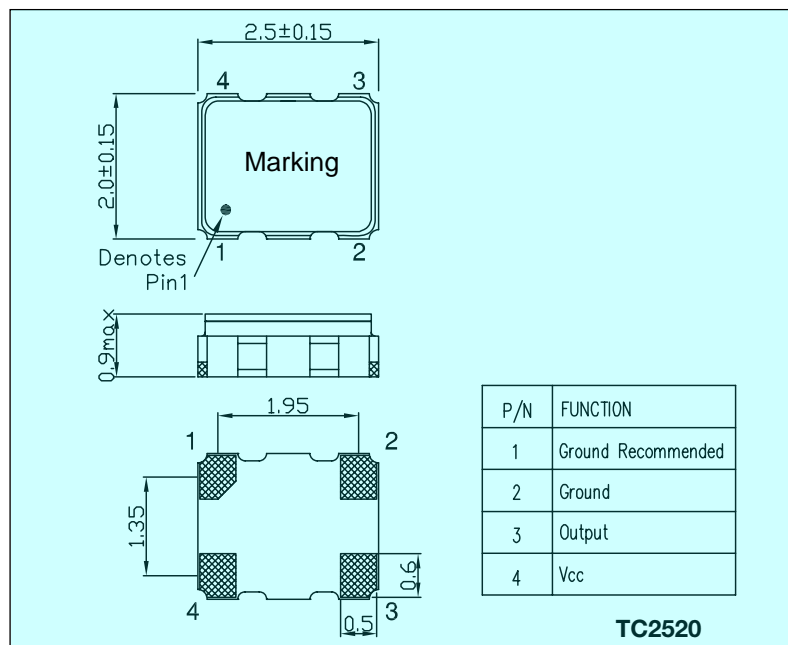
- Ultra-miniature size
- High reliability seam welded package
- Pick and place assembly
- Low supply voltage version available



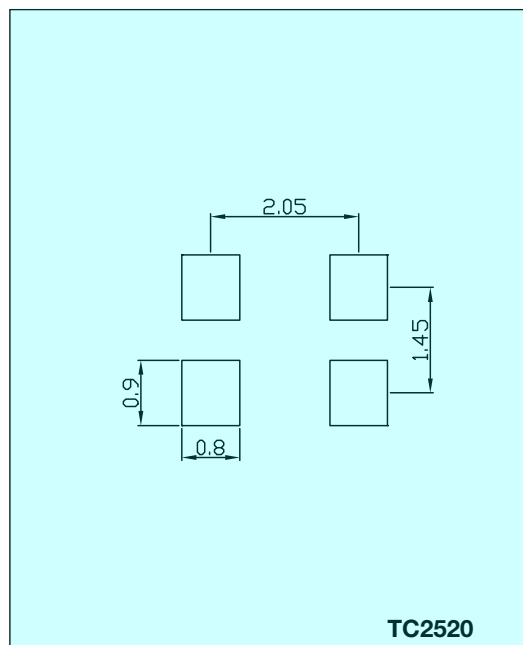
Parameters		Specifications	
Series 系列		TC2520-C	TC2520-S
Output Waveform 輸出波型		CMOS	Clipped Sine
Frequency Range 頻率範圍		2.500MHz to 54.000MHz	8.000MHz to 52.000MHz
Supply Voltage Range (Vdd) 工作電壓範圍		1.8V, 2.0V, 2.5V, 2.8V, 3V, 3.3V	
Operating Temperature Range 工作溫度範圍		0°C ~ +70°C, -20°C ~ +70°C, -40°C ~ +85°C	
Frequency Stability 頻率偏差			
vs. Room Temp. (25°C ± 3°C) 相對常溫		±0.5ppm, ±1.0ppm, ±1.5ppm, ±2.0ppm, ±2.5ppm	
vs. Operating Temp. 相對工作溫度		±0.5ppm, ±1.0ppm, ±1.5ppm, ±2.0ppm, ±2.5ppm	
vs. Voltage Change (±5%) 相對電壓變化		±0.3ppm Max	
vs. Load Change (±5%) 相對負載變化		±0.3ppm Max	
vs. Aging (First Year) 相對首年老化率		±1ppm	
Current Consumption (Idd) 消耗電流		10mA Max.	2mA Max.
Rise & Fall Time 上 / 下沿時間		10ns Max.	
Output Symmetry 輸出對稱性		45% ~ 55%	
Output Voltage 輸出電壓	Vp-p	-	0.8V Min.
	VOH	0.8Vdd	-
	VOL	0.5V	-
Output Load 輸出負載		15pF	10k ohms // 10pF
Pullability 牽引範圍 (for VCTCXO)		±15ppm Typ.	
Control Voltage Range 控制電壓範圍 (for VCTC)		0.90V±0.90V, 1.4V±1V, 1.5V±1V	
Phase Noise @ 1kHz Offset		-130dBc/Hz Max.	
Start-up Time 起動時間		3ms Max.	
Storage Temperature Range 儲存溫度範圍		-40°C ~ +85°C	

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。



Shenzhen XINSHOUXUAN Electronic CO.,LTD
深圳市新首選電子有限公司

add: The 5/F 18 Building Hongfa Industry Garder Jingtang Rod. Tangtou village Shiyan Street Bao-an District Shenzhen City. China
Tel: +86-755-2982 6177 Fax: +86-755-2982 6178 Email: info@jhxcorp.com Web: http://www.xsxce.com 中文域名: 新首選·中國