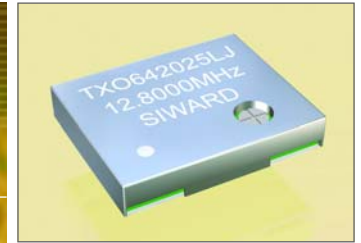


TXO64, VTX64, TXO66, VTX66

TEMPERATURE-COMPENSATED CRYSTAL OSCILLATOR

SMD



TYPICAL APPLICATIONS

Cellular telephones, PHS, GPS equipment and other communication equipment

FEATURES

The 64,66 series is leadless surface-mounting type (Volume 0.25 cc) with features of compactness and low height. High accuracy and outstanding durability against heat are assured throughout the working temperature range. This TCXO is suitable for mobile communication equipment. Eutectic reflow soldering is possible.

TYPICAL SPECIFICATIONS

Model		TXO64	VTX64
		TXO66	VTX66
Nominal Frequency		12.000, 12.800, 13.000, 14.400, 15.360, 19.200, 20MHz	
Frequency Stability	Temperature	$\pm 2.5 \times 10^{-6} / -30^{\circ}\text{C} \sim +75^{\circ}\text{C}$	
	Aging	$\pm 1.0 \times 10^{-6} / \text{year}(25^{\circ}\text{C})$	
	Supply voltage	$\pm 0.3 \times 10^{-6} / +3.0\text{V} \pm 5\%$	
Storage Temperature range		$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$	
Power Supply Voltage		+3.0V DC	
Current consumption		2mA Max.(Load)	
Output	Load	10k Ω /10pF	
	Voltage	0.8Vp-p Min.	
	Waveform	Clipped Sine Wave	
Frequency tuning (by a built-in trimmer)		$\pm 3.0 \times 10^{-6}$ Min	
External control function	Frequency tuning range	$\pm 4.0 \times 10^{-6}$ Min. (Positive)	
	External control voltage	+1.5V $\pm 1.0\text{V}$ DC	
Phase noise**		-145 dBc/Hz Typ. (at 1.0kHz)**	

* Please consult with us for other specification.

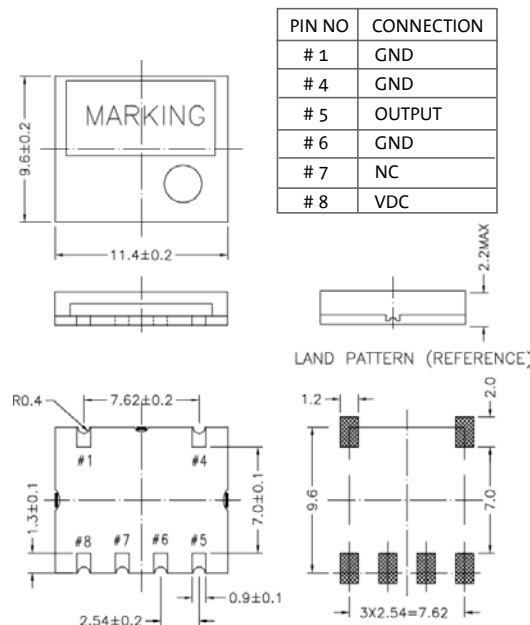
* Do not clean this TCXO by ultrasonic-wave or liquid.

** Performance vary based on different specification.

OUTLINE DIMENSIONS

Unit:mm

TXO-64, VTX-64



TXO-66, VTX-66

