

VCX91, VCX92

VOLTAGE-CONTROLLED CRYSTAL OSCILLATOR

SMD



TYPICAL APPLICATIONS

Settop Box, MPEG, ADSL

FEATURES

The VCX91, VCX92 is leadless surface-mounting type (Volume 0.063 cc) with features of compactness and low height. Eutectic reflow soldering is possible.

TYPICAL SPECIFICATIONS

Nominal Frequency	2.048, 16.384, 19.44, 20, 27, 35.328MHz
Frequency Stability	$\pm 30 \times 10^{-6}$ Max, $\pm 50 \times 10^{-6}$ Max
Temperature range (°C)	Operating: -20°C ~ +70°C Storage: -40°C ~ +85°C
Power Supply Voltage (Vdd)	+3.3V or +5.0V DC
External control function/ external control voltage	$\pm 100 \times 10^{-6}$ Min./+1.65V $\pm$ 1.5V DC or +2.5V $\pm$ 2.0V DC
Current consumption	20mA Max.
Output	Load: CMOS (15pF) Voltage: Vol: 0.1Vdd Max. Voh: 0.9Vdd Min. Rise & Fall time: 10ns Max. Symmetry: at 10% ~ 90% Vdd 45% ~ 55% at 1/2Vdd
Phase Noise**	-130 dBC/Hz Typ. (at 1.0KHz)

* Please consult with us for other specification.

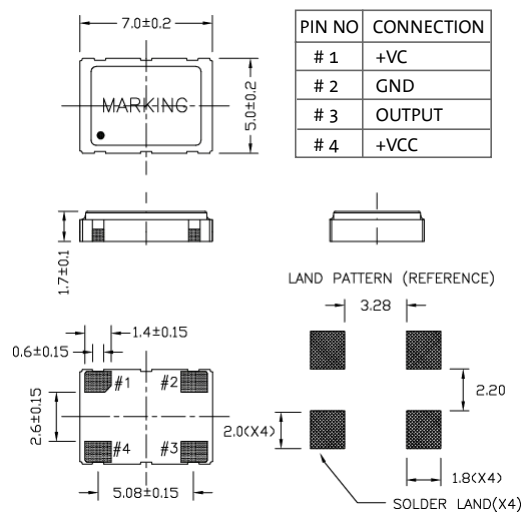
* Do not clean this TCXO by ultrasonic-wave or liquid.

** Performance vary based on different specification.

OUTLINE DIMENSIONS

Unit:mm

VCX-91



VCX-92

