

# TPS13XPK-G3

## Crystal Clock Oscillators (SPXO )

### Feature

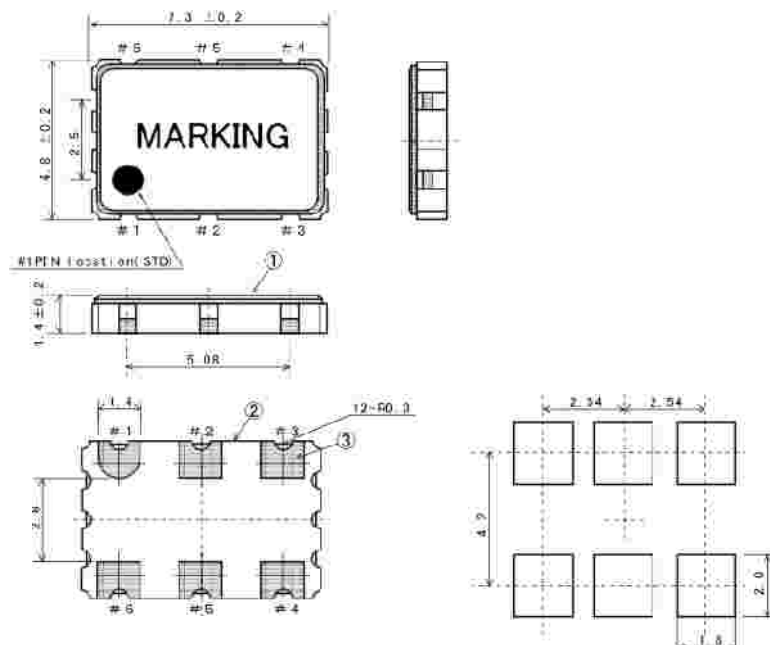
- Ultra-small,reflow solderable,tri-state output function.
- LV-PECL IC,Direct connection with IC is Possible.
- Suitable as a standard clock signal source,Wireless LAN and other high precision requirements.
- RoHS compliance applied



### Specifications

Item	Symbol	Specifications	Conditions
Frequency Range	$f_0$	12MHz ~ 800.0 MHz	
Suppy Voltage	Vdd	+3.3V	
Input Current	Idd	120 mA max.	
Load		Vtt=Vcc-2.0V Rt=50	LV-PECL
Frequency Stability	$f_{tol}$	$\pm 25, \pm 50, \pm 100 \times 10^{-6}$ max. (170MHz max. ) (at -10 °C ~ +70 °C)	All Condition
Output Voltage	V	$V_{OH}$ : 2.2V (1.415V ) min. $V_{OL}$ : 1.7V (1.195V ) max.	Vcc=3.3V (2.5V )
Symmetry	SYM	40% ~ 60%	50% Vdd
Rise / Fall Time	tr/tf	1.0 ns (0.7ns ) max.	Vdd=3.3V (2.5V )
Phase Jitter		5 ps max. (12kHz ~ 20MHz )	Offset Frequency

### ?Outline



Products with specific requirements are available upon request