

# TPS11XCK-G4

Crystal Clock Oscillators (SPXO) **Ultra Low Current Consumption on type**

## Feature

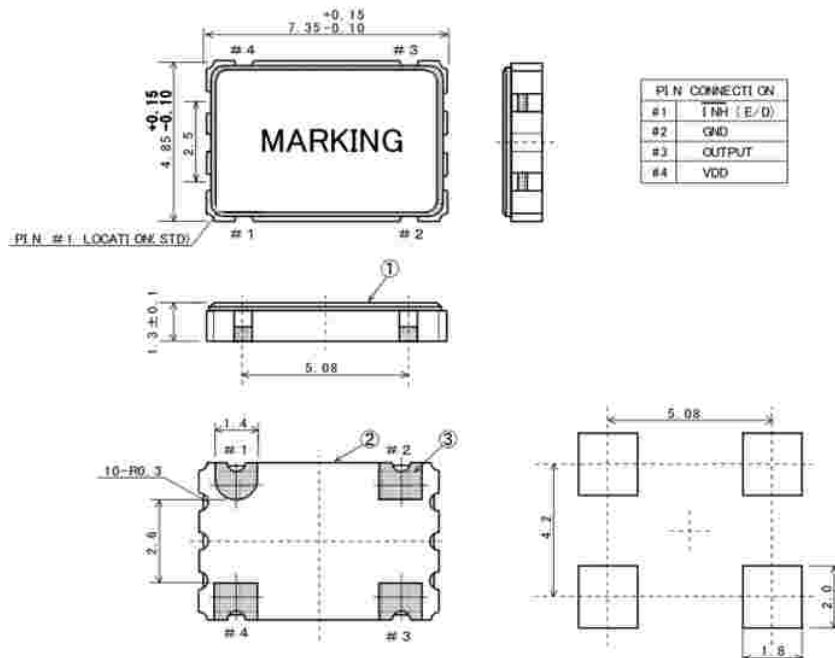
- Ultra-small, reflow solderable, tri-state output function.
- C-MOS IC, Direct connection with IC is Possible.
- Suitable as a standard clock signal source, Wireless LAN and other high precision requirements.
- RoHS compliance applied



## Specifications

Item	Symbol	Specifications	Conditions
Frequency Range	$f_0$	1.8MHz ~ 50.0 MHz	
Supply Voltage	V dc	+2.5V, +2.8V, +3.3V	
Input Current	I dc	3.5 mA max.	Vcc=3.3V
Load	L_CMOS	15 pF	C-MOS
Frequency Stability	$f_{tol}$	$\pm 25, \pm 50, \pm 100 \times 10^{-6}$ max. (at -10 °C ~ +70 °C)	All Condition
Output Voltage	V	$V_{OH}$ : Vcc $\times$ 90% min. $V_{OL}$ : Vcc $\times$ 10% max.	
Symmetry	SYM	45% ~ 55%	50% V dc
Rise / Fall Time	tr/ tf	12 ns max.	10%Vcc ~ 90% , L_CMOS=15pF

## Outline



Products with specific requirements are available upon request