

TPS11XCK-G1

Crystal Clock Oscillators (SPXO)

Feature

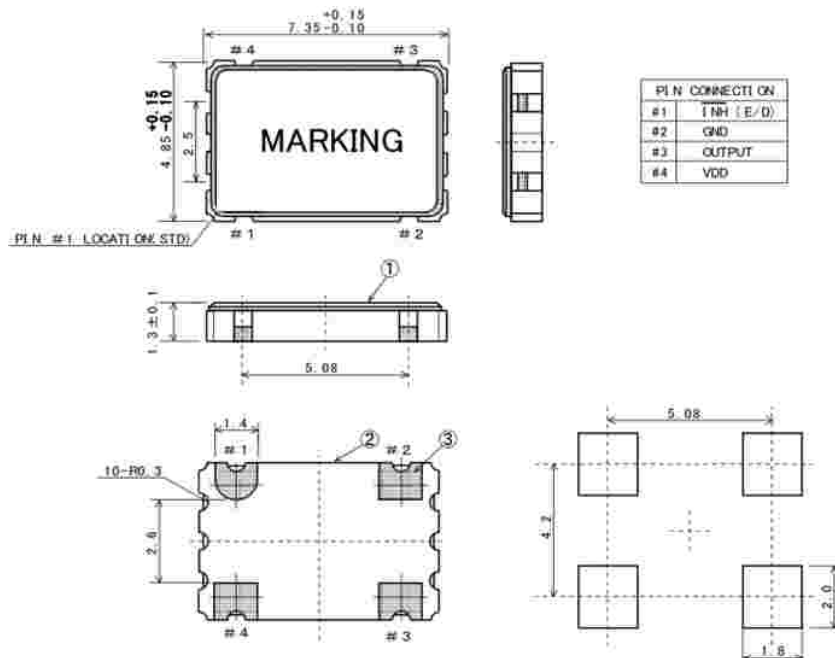
- Ultra-small, reflow solderable, tri-state output function.
- TTL/C-MOS compatible, Direct connection with IC is Possible.
- Suitable as a standard clock signal source, Wireless LAN and other high precision requirements.
- RoHS compliance applied.



Specifications

Item	Symbol	Specifications	Conditions
Frequency Range	f_0	12KHz ~ 170.0 MHz	
Supply Voltage	Vdd	+3.3V, +5.0V	
Input Current	Idd	90.0 mA max.	Vdd=5.0V
Load	L_CMOS	15 pF	C-MOS
Frequency Stability	f_{tol}	$\pm 50, \pm 100 \times 10^{-6}$ max. (at -10 °C ~ +70 °C)	All Condition
Output Voltage	V	$V_{OH}: V_{CC} \times 90\%$ min. $V_{OL}: V_{CC} \times 10\%$ max.	
Symmetry	SYM	40% ~ 60%	50% Vdd
Rise / Fall Time	tr/ tf	6 ns max.	10%Vcc ~ 90% , L_CMOS=15pF

Outline



Products with specific requirements are available upon request