

TPS14XCK-G4

Crystal Clock Oscillators (SPXO) **Ultra LowCurrent Consumption on type**

Feature

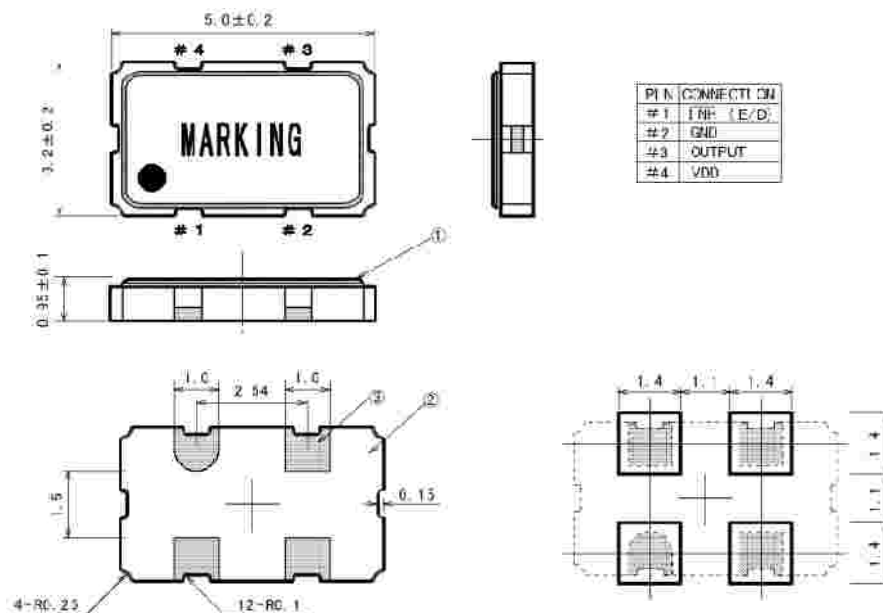
- Ultra-small,reflow solderable,tri-state output function.
- C-MOS IC,Direct connection with IC is Possible.
- Suitable as a standard clock signal source,Wireless LAN and other high precision requirements.
- RoHS compliance applied



Specifications

Item	Symbol	Specifications	Conditions
Frequency Range	f_0	1.0MHz ~ 50.0 MHz	
Suppy Voltage	Vdd	+2.5V, +2.8V, +3.3V	
Input Current	Idd	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.	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	12 ns max. (1.8 ~ 80MHz)	10%Vcc ~ 90% , L_CMOS=15pF

?Outline



Products with specific requirements are available upon request