



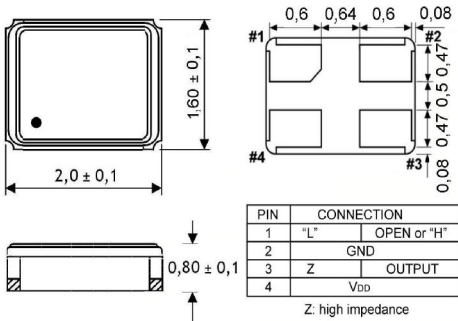
Clock Oscillator

SMD-version

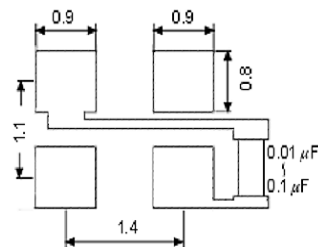
+3.3V

part no.	12.90310
model	KXO-V94
frequency	1.84320 MHz
frequency stability at -20° ~ +70°C	±50 ppm
operating temperature	-20° ~ +70°C
storage temperature	-55° ~ +100°C
symmetry	45% ~ 55% at 50% V _{DD} level
rise & fall time max.	5 ns (10% V _{DD} ~ 90% V _{DD} level)
"0" level max.	VOL: 10% V _{DD}
"1" level min.	VOH: 90% V _{DD}
input voltage V _{DD}	+3.3V DC ±5%
tri-state control voltage (Pin#1)	VIH: V _{DD} x 0.7 min. VIL: V _{DD} x 0.3 max.
supply voltage	-0.5V ~ +4.0V
input current max.	6mA
output load max.	15pF (HCMOS)
start up time max.	10 ms
disable delay time max.	150 ns
enable delay time max.	10 ms
stand by current max.	10 µA (Pin #1=VIL)
contents of reel	1000 pcs. / 3000 pcs.

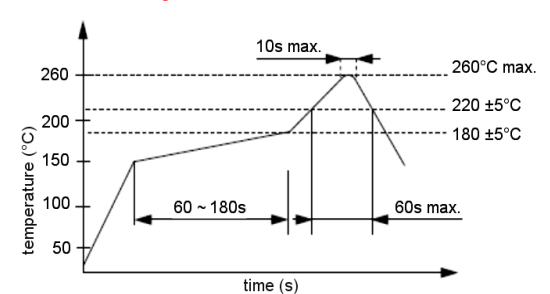
Dimensions (mm):



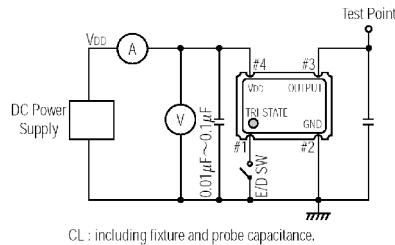
Suggested soldering pad:



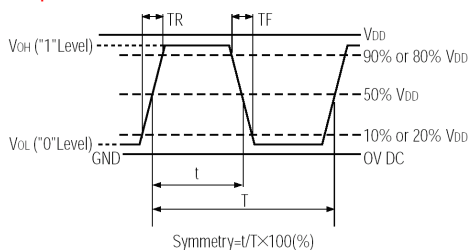
Reflow soldering condition:



Test circuit:



Output waveform:



Tape specification:

