

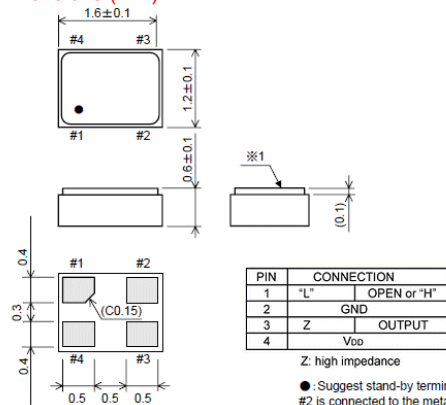


## Clock Oscillator SMD-version

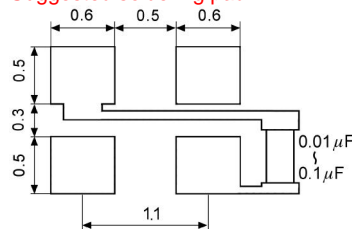
+3.3V

part no.	12.73013
model	KXO-V93T
frequency	25.0 MHz
frequency stability at -40° ~ +85°C	±30 ppm
operating temperature	-40° ~ +85°C
storage temperature	-40° ~ +85°C
symmetry	45% ~ 55% at 50% V <sub>DD</sub> level
rise & fall time max.	5 ns (10% V <sub>DD</sub> ~ 90% V <sub>DD</sub> level)/V <sub>DD</sub>
"0" level max.	VOL: 10% V <sub>DD</sub>
"1" level min.	VOH: 90% V <sub>DD</sub>
input voltage V <sub>DD</sub>	+3.3V DC ±5%
tri-state control voltage (Pin#1)	VIH: V <sub>DD</sub> x 0.7 min. VIL: V <sub>DD</sub> x 0.3 max.
input current max.	5 mA
output load max.	15pF (HCMOS)
start up time max.	5 ms
disable delay time max.	200 ns
enable delay time max.	5 ms
stand by current max.	10 µA (Pin #1=VIL)
contents of reel	5000 pcs.

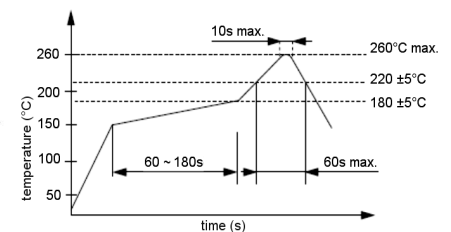
### Dimensions (mm):



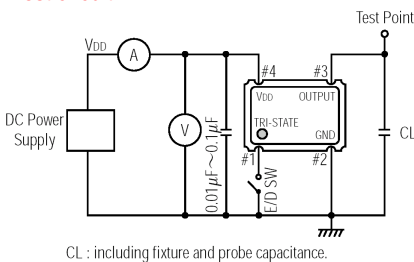
### Suggested soldering pad:



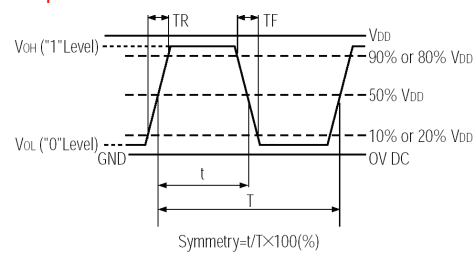
### Reflow soldering condition:



### Test circuit:



### Output waveform:



### Tape specification:

