

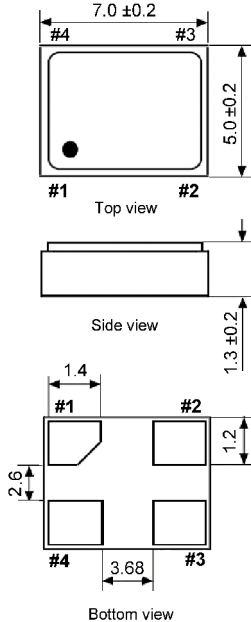


## Clock Oscillator SMD-version

+3.3 V

part no.	12.94403
model	KXO-V97T
frequency	25.0 MHz
frequency stability at -40° ~ +85°C	±100 ppm
operating temperature	-40° ~ +85°C
storage temperature	-55° ~ +125°C
symmetry	50 % ± 10 % at ½ V <sub>DD</sub> level
rise & fall time max.	6 ns
"0" level max.	+0.4 V
"1" level min.	V <sub>DD</sub> -0.5 V
supply voltage V <sub>DD</sub>	+3.3 V ±10 %
supply current	4.0 mA typ., 11.0 mA max.
output load	30 pF
start up time max.	10 ms
tristate function	yes
disable delay time max.	50 µs
enable delay time max.	4 ms
phase jitter	(12 kHz – 20 MHz) with 1 ps
random jitter max.	7 ps
peak to peak jitter max.	40 ps
contents of reel	1000 pcs.

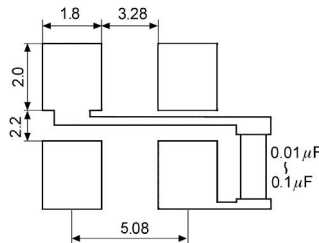
### Dimensions (mm):



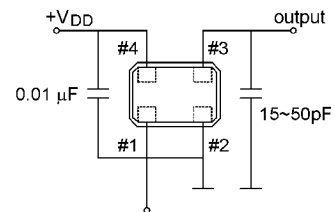
PIN	Connection
1	"L" (0V) "H" or OPEN
2	GND
3	Z OUTPUT
4	V <sub>DD</sub>

Z: high impedance

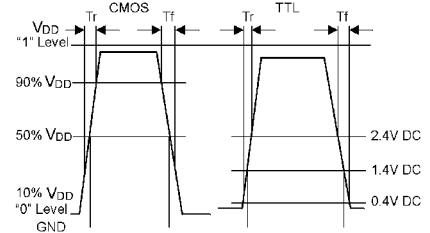
### Suggested soldering pad:



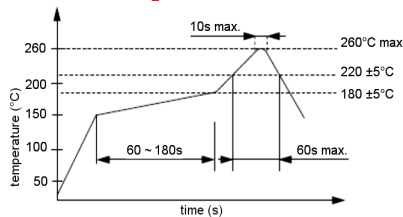
### Test circuit:



### Output waveform:



### Reflow soldering condition:



### Tape specification:

