

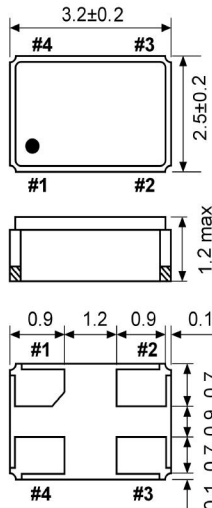
Clock Oscillator SMD-version

+3,3V

model	KXO-V96T
frequency	125,0 MHz
frequency stability at -40° ~ + 85°C	± 50 ppm
operating temperature	-40° ~ + 85°C
storage temperature	-50° ~ +125°C
symmetry	40% ~ 60% at 50% V _{DD} level
rise & fall time max.	5 ns (10% V _{DD} ~ 90% V _{DD} level)
"O" level max.	VOL: 10% V _{DD}
"1" level min.	VOH: 90% V _{DD}
input voltage V _{DD}	+3,3V
stand-by control voltage (pin#1)	VIH(min): 70% V _{DD} VIL(max): 30% V _{DD} *
supply voltage	-0,5V ~ +7,0V
Input current	20 mA typ., 40 mA max.
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.*	50 µA (Pin #1=VIL)
jitter	deterministic jitter 5ps max. norm 1-sigma 7ps max. random jitter 7ps max. peak to peak 40ps max.
contents of reel	1000 pcs.
part no.	12.95093

* Internal crystal oscillation to be halted (pin#1=VIL)

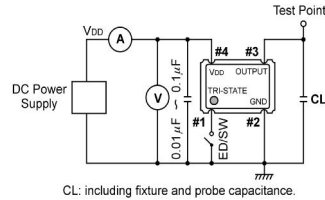
Dimensions (mm):



PIN	CONNECTION
1	"L" OPEN or "H"
2	GND
3	Z OUTPUT
4	V _{DD}

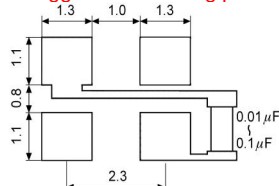
Z: high impedance

Test circuit:

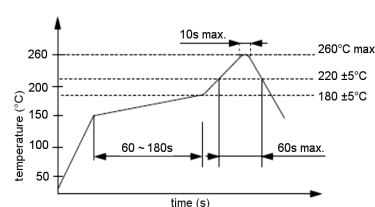


CL: including fixture and probe capacitance.

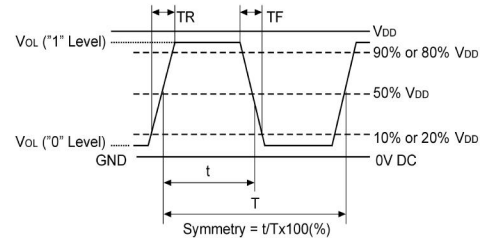
Suggested soldering pad:



Reflow soldering condition:



Output waveform:



Tape specification:

