

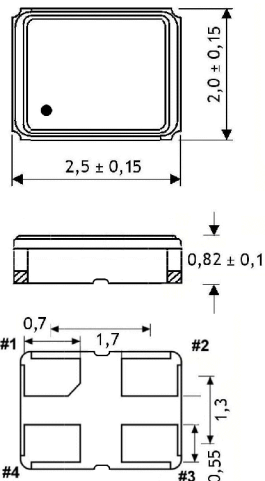


Clock Oscillator SMD-version

+3,3V

model	KXO-V95T			
frequency	50,0 MHz			
frequency stability at -40° ~ +85°C	± 50 ppm			
operating temperature	-40° ~ +85°C			
storage temperature	-40° ~ +85°C			
symmetry	40% ~ 60% at 50% V _{DD} level			
rise & fall time max.	10 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 ±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 ~ +7,0V			
input current max.	6,0 mA typ 11,0 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. / 3000 pcs.			
part no.	12.95581			

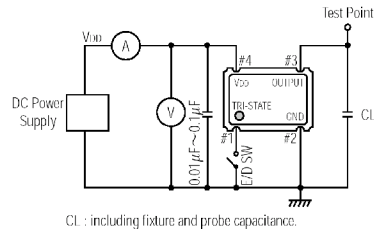
Dimensions (mm):



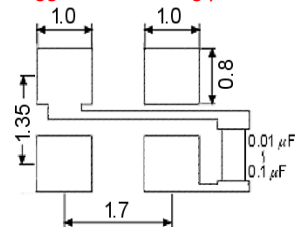
PIN	CONNECTION
1	"L" OPEN or "H"
2	GND
3	Z OUTPUT
4	V _{DD}

Z: high impedance

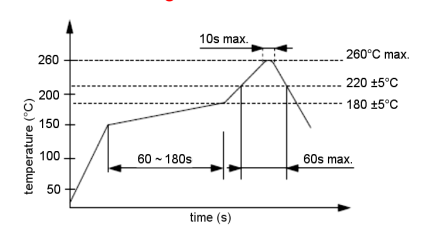
Test circuit:



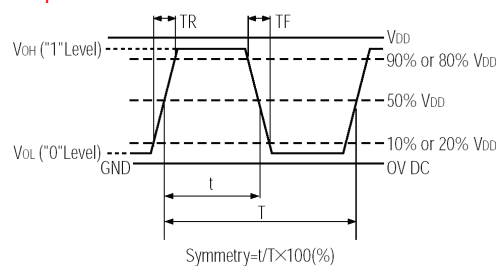
Suggested soldering pad:



Reflow soldering condition:



Output waveform:



Tape specification:

