



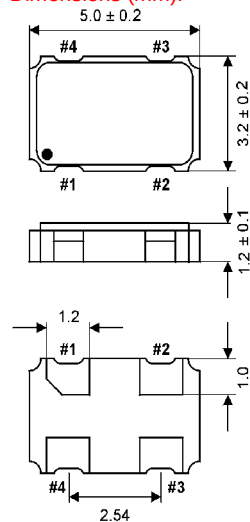
Clock Oscillator

SMD-version

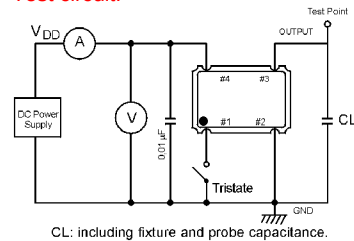
3,3V

model	KXO-V99T
frequency	1,0 MHz
frequency stability at -40° ~ +85°C	± 100 ppm
operating temperature	-40° ~ +85°C
storage temperature	-55° ~ +125°C
symmetry	45%/55% ± 10% at ½ V _{DD} level
rise & fall time max.	4 ns
"O" level max.	V _{DD} x 0,1V
"1" level min.	V _{DD} x 0,9 V
input voltage V _{DD}	+ 3,3V ± 5%
input current	4,0 mA typ., 6,0 mA max.
output load	15 pF
start up time max.	10 ms
tristate function	yes
disable delay time	100 ns max.
enable delay time	4 ms max.
stand by current	10 µA max.
random jitter	7pS max.
peak to peak jitter	40pS max.
contents of reel	1000 pcs.
part no.	12.94623

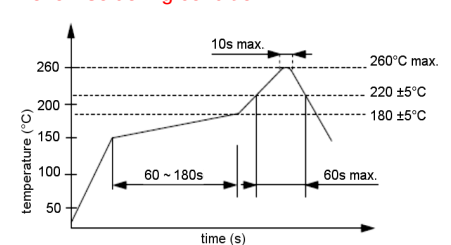
Dimensions (mm):



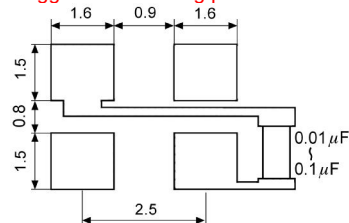
Test circuit:



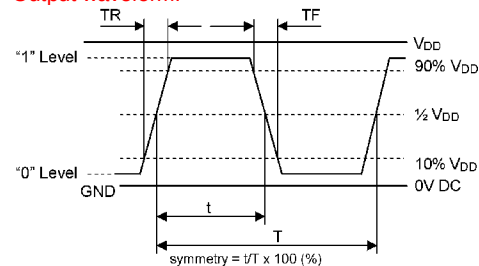
Reflow soldering condition:



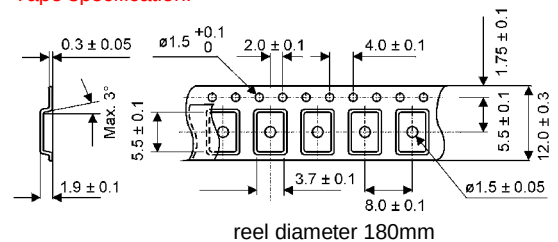
Suggested soldering pad:



Output waveform:



Tape specification:



PIN	Connection
1	"L" (OV) "H" or OPEN
2	GND
3	Z OUTPUT
4	V _{DD}