



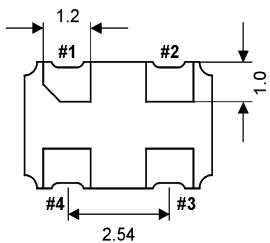
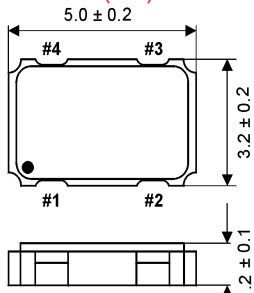
Clock Oscillator

SMD-version

3,3V

model	KXO-V99T
frequency	20,0 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 Vcc level
rise & fall time max.	4 ns
"0" level max.	Vcc x 0,1V
"1" level min.	Vcc x 0,9 V
input voltage Vcc	+ 3,3V ± 5%
input current max.	8 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.
RoHS	according to RoHS 2011/65/EU
part no.	12.94713

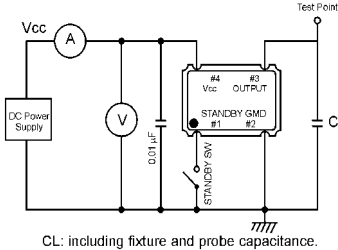
Dimensions (mm):



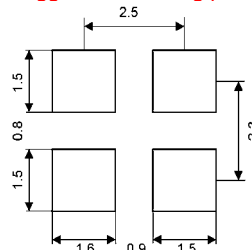
PIN	CONNECTION
1	"L" (OV) "H" or OPEN
2	GND
3	Z OUTPUT
4	Vcc

Z: high impedance

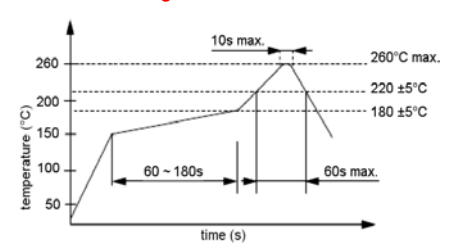
Test circuit:



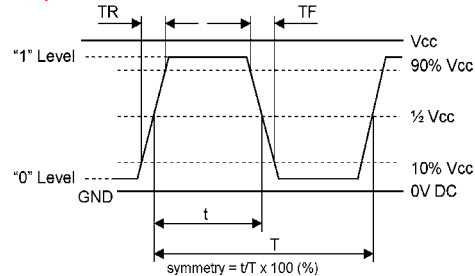
Suggested soldering pad:



Reflow soldering condition:



Output waveform:



Tape specification:

