

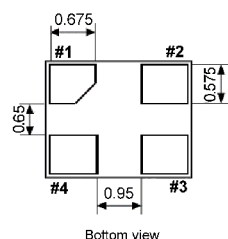
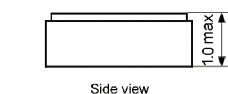
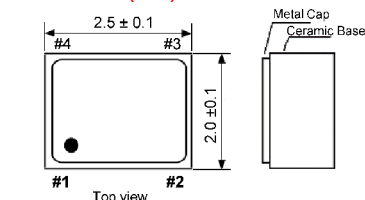


Clock Oscillator SMD-version

+1.8 V

part no.	12.95619
model	KXO-V95T
frequency	19.440 MHz
frequency stability at -40 ~ +85°C	±50 ppm
operating temperature	-40° ~ +85°C
storage temperature	-40° ~ +85°C
supply voltage V _{DD}	+1.8 V DC ±5 %
supply current	1.1 mA typ., 4.0 mA max.
symmetry	40 % ~ 60 % at ½ V _{DD} level
rise & fall time max.	5 ns (10 % V _{DD} ~ 90 % V _{DD} level)
"O" level max.	V _{OL} : 10 % V _{DD}
"1" level min.	V _{OH} : 90 % V _{DD}
tri-state control voltage (Pin#1)	V _{IH} : V _{DD} x 0.7 min. V _{IL} : V _{DD} x 0.3 max.
supply voltage range	+1.8 V ~ +3.6 V
output load max.	15 pF HCMOS
start up time max.	10 ms
disable delay time max.	200 ns
enable delay time max.	10 ms
stand by current max.	50 µA (Pin #1 = V _{IL})
phase noise	-115 dBc / Hz at 100 Hz -134 dBc / Hz at 1 kHz
contents of reel	1000 pcs.

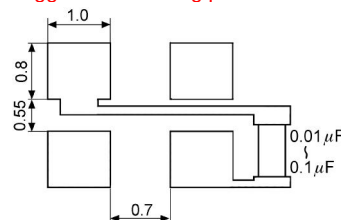
Dimensions (mm):



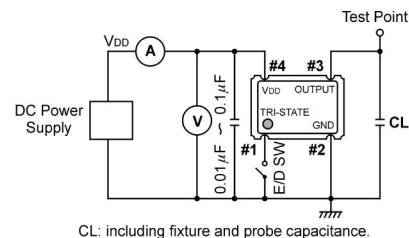
Pin	Connection
1	"L" (0V) "H" or OPEN
2	GND
3	Z OUTPUT
4	V _{DD}

Z: high impedance

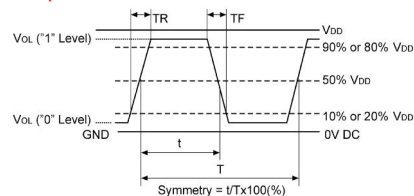
Suggested soldering pad:



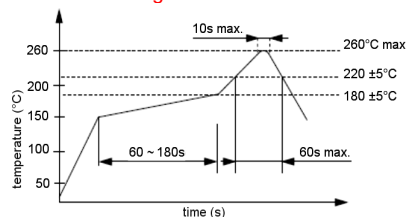
Test circuit:



Output Waveform:



Reflow soldering condition:



Tape specification:

