

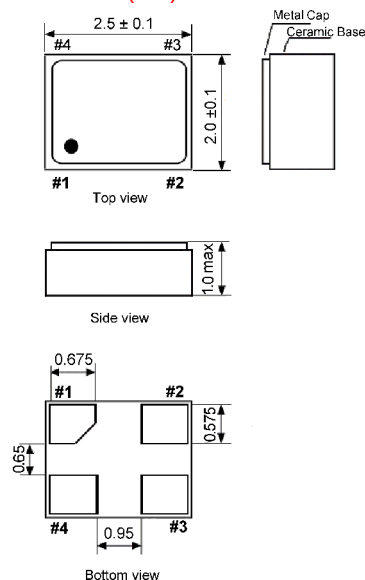


Clock Oscillator SMD-version

+3.3 V

part no.	12.95596
model	KXO-V95T
frequency	48.0 MHz
frequency stability	±25 ppm
operating temperature	-40 ~ +85°C
storage temperature	-55° ~ +155°C
supply voltage range	+1.8 V ~ +3.6 V
supply voltage V _{DD}	+3.3 V DC ±5 %
supply current	5.7 mA typ., 12.0 mA max.
symmetry	45 % ~ 55 % at ½ V _{DD} level
rise & fall time max.	5 ns (10 % V _{DD} ~ 90 % V _{DD} level)
"0" level max.	VOL: 10 % V _{DD}
"1" level min.	VOH: 90 % V _{DD}
tri-state control voltage (Pin#1)	VIH: V _{DD} x 0.7 min. VIL: V _{DD} x 0.3 max.
output load max.	15 pF
start up time max.	3 ms
disable delay time max.	200 ns
enable delay time max.	3 ms
stand by current max.	5 µA (Pin #1 = VIL)
jitter RMS (12kHz-20MHz) max.	1 ps
contents of reel	1000 pcs.

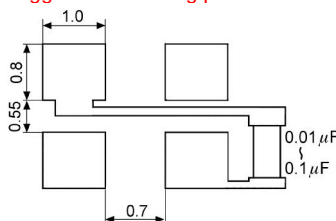
Dimensions (mm):



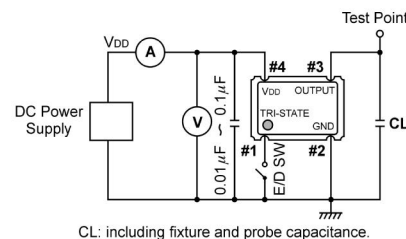
Pin	Connection
1	"L" (0V) "H" or OPEN
2	GND
3	Z OUTPUT
4	V _{DD}

Z: high impedance

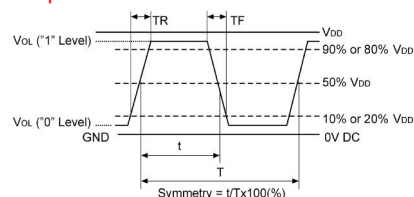
Suggested soldering pad:



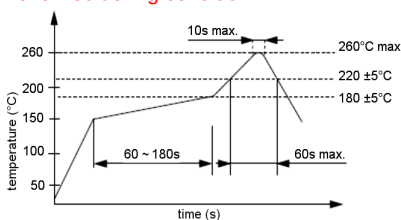
Test circuit:



Output Waveform:



Reflow soldering condition:



Tape specification:

