

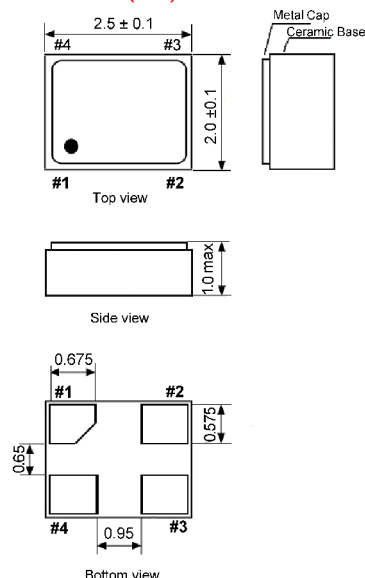


Clock Oscillator SMD-version

+3.3 V

part no.	12.95618
model	KXO-V95T
frequency	25.0 MHz
frequency stability at -40 ~ +85°C	±25 ppm
operating temperature	-40° ~ +85°C
storage temperature	-40° ~ +85°C
supply voltage range	+1.8 V ~ +3.6 V
supply voltage V _{DD}	+3.3 V DC ±5 %
supply current	3.4 mA typ 7.0 mA max.
symmetry	40 % ~ 60 % at ½ V _{DD} level
rise & fall time typ.	3 ns (10 % V _{DD} ~ 90 % V _{DD} level)
"0" 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.
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})
jitter max.	deterministic jitter 5 ps norm 1-sigma 7 ps random jitter 7 ps peak to peak 40 ps
contents of reel	1000 pcs

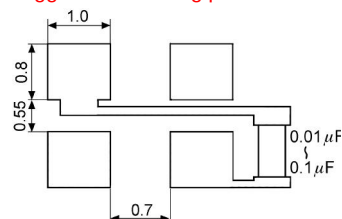
Dimensions (mm):



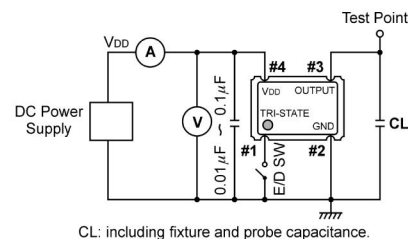
Pin	Connection
1	"L" (0V) "H" or OPEN
2	GND
3	Z OUTPUT
4	V _{DD}

Z: high impedance

Suggested soldering pad:

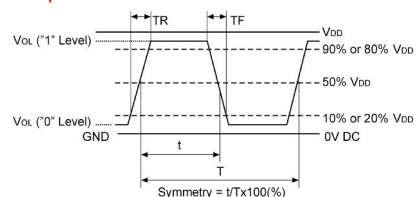


Test circuit:

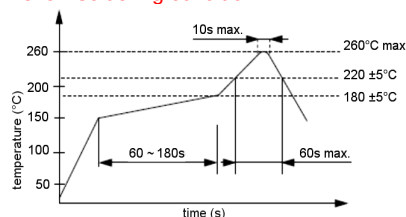


CL: including fixture and probe capacitance.

Output Waveform:



Reflow soldering condition:



Tape specification:

