

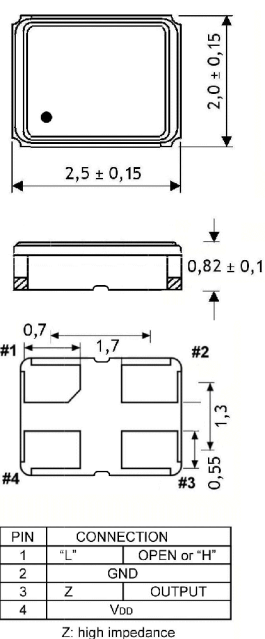


Clock Oscillator SMD-version

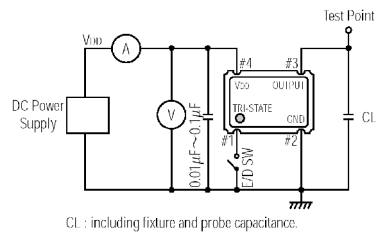
+3,3V

model	KXO-V95F		
frequency	24,0 MHz		
frequency stability -40° ~ +125°C	± 50 ppm		
operating temperature	-40° ~ +125°C		
storage temperature	-40° ~ +85°C		
symmetry	45% ~ 55% at 50% V _{DD} level		
rise & fall time max.	10 ns (10% V _{DD} ~ 90% V _{DD} level)		
"O" level max.	VOL: 10% V _{DD}		
"1" level min.	VOH: 90% V _{DD}		
input voltage V _{DD}	+3,3V ±5%		
tri-state control voltage (Pin#1)	VIH: V _{DD} x 0,7 min. VIL: V _{DD} x 0,3 max.		
supply voltage	-0,5V ~ +7,0V		
input current	<=5,0mA		
output load max.	15pF (HCMOS)		
start up time max.	10 ms		
disable delay time max.	150 ns		
enable delay time max.	10 ms		
stand by current max.	50 µA (Pin #1=VIL)		
jitter	deterministic jitter	5ps max.	norm 1-sigma 7ps max.
	random jitter	7ps max.	peak to peak 40ps max.
contents of reel	1000 pcs.		
AEC-Q200 qualified	yes		
part no.	12.95568		

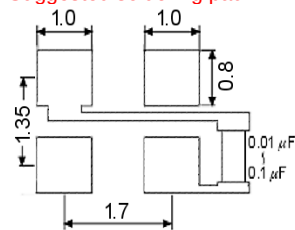
Dimensions (mm):



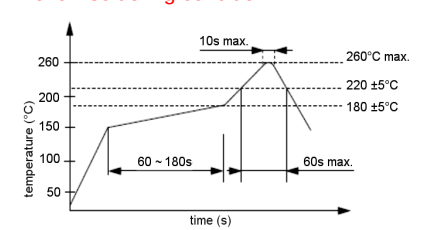
Test circuit:



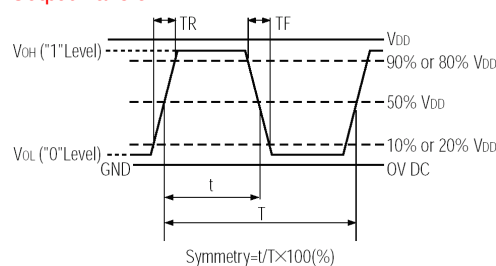
Suggested soldering pad:



Reflow soldering condition:



Output waveform:



Tape specification:

