



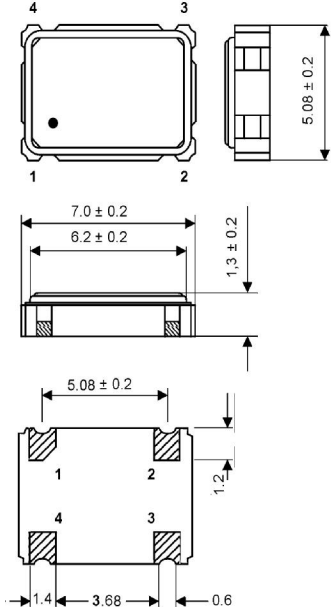
Clock Oscillator

SMD-version

5V

model	KXO-97-kHz
frequency	32,7680 kHz
frequency stability at -20 ~ +70°C at -40 ~ +85°C	± 50 ppm ± 100 ppm
operating temperature	standard -20 ~ +70°C available -40 ~ +85°C (=KXO-97T)
storage temperature	-40 ~ +85°C
symmetry	50% ± 10% at 1,4V DC level or ½ V _{DD} level
rise & fall time max.	TTL: 6 ns / CMOS: 10 ns
"0" level max.	+ 0,4V (TTL) + 0,5V (CMOS)
"1" level min.	+2,4 (TTL) V _{DD} -0,5V (CMOS)
input voltage V _{DD}	+ 5V DC ± 10%
input current	1 mA max.
output load	10 TTL gates 50 pF
start up time max.	10 ms
tristate function	yes
disable delay time	100 ns max.
enable delay time	4 ms max.
random jitter	7ps max.
peak to peak jitter	40ps max.
contents of reel	1000 pcs.
part no.	12.94535

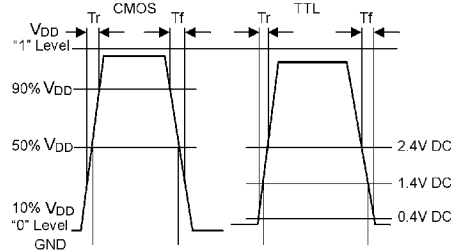
Dimensions (mm):



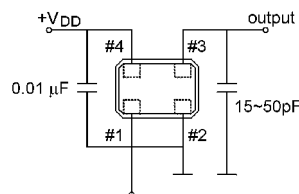
PIN	CONNECTION
1	"L" (OV) "H" or OPEN
2	GND
3	Z OUTPUT
4	V _{DD}

Z: high impedance

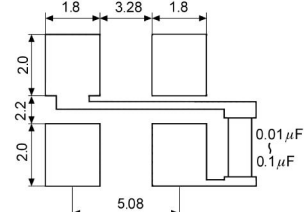
Output waveform:



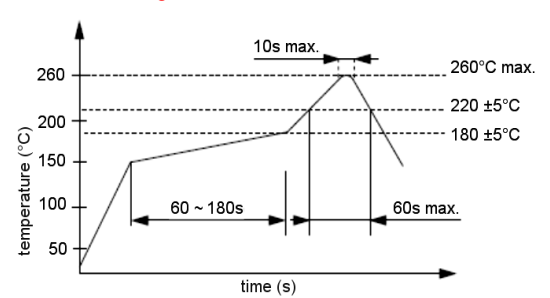
Test circuit:



Suggested soldering pad:



Reflow soldering condition:



Tape specifications:

