

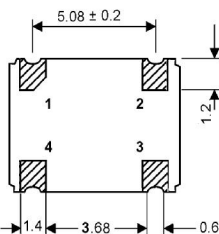
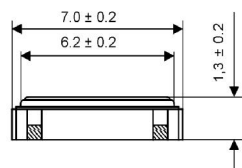
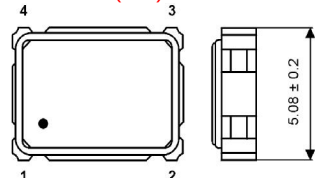


Clock Oscillator SMD-version

+3.3V

part no.	12.94496
model	KXO-V97
frequency	32.7680 kHz
frequency stability at -20° ~ +70°C	±50 ppm
operating temperature	-20° ~ +70°C
storage temperature	-40° ~ +85°C
symmetry	50% ± 10% at ½ V _{DD} level
rise & fall time max.	6 ns
"0" level max.	+0.4V
"1" level min.	V _{DD} -0.5V
input voltage V _{DD}	+3.3V ±10%
input current	1 mA max.
output load	30 pF
start up time max.	10 ms
tristate function	yes
disable delay time max.	50 µs
enable delay time max.	4 ms
phase jitter	(12 kHz – 20 MHz) with 1 ps
random jitter max.	7ps
peak to peak jitter max.	40ps
contents of reel	1000 pcs.

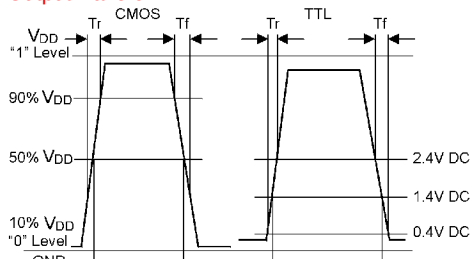
Dimensions (mm):



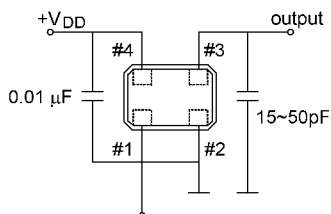
PIN	Connection
1	"L" (0V) "H" or OPEN
2	GND
3	Z OUTPUT
4	V _{DD}

Z: high impedance

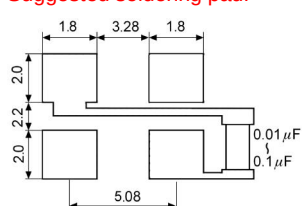
Output waveform:



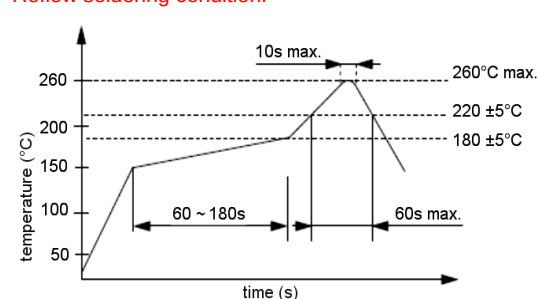
Test circuit:



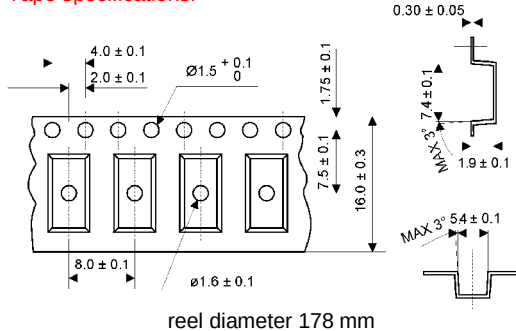
Suggested soldering pad:



Reflow soldering condition:



Tape specifications:



reel diameter 178 mm