

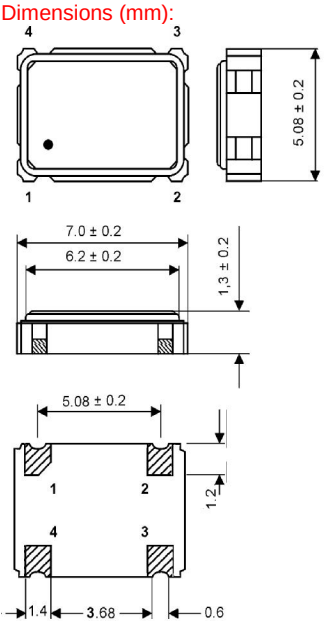
RoHS 2011/65/EU REACH compliant Conflict minerals free

GEYER quartz technology

Clock Oscillator SMD-version +3,3V

model	KXO-V97T
frequency	16,0 MHz
frequency stability at -40° ~ +85°C	± 100 ppm
operating temperature	-40° ~ +85°C
storage temperature	-40° ~ +85°C
symmetry	50% ± 10% at ½ V_{DD} level
rise & fall time max.	6 ns
"O" level max.	+ 0,4V
"1" level min.	V_{DD} -0,5V
input voltage V_{DD}	+ 3,3V ± 10%
input current	4,0 mA typ., 6,0 mA max.
output load	30 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.	12.94461

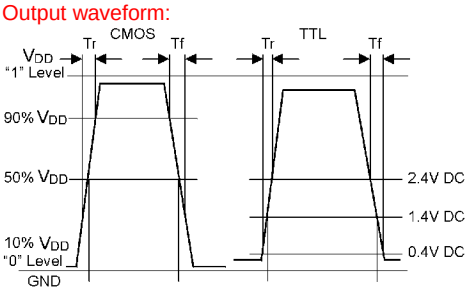
Dimensions (mm):



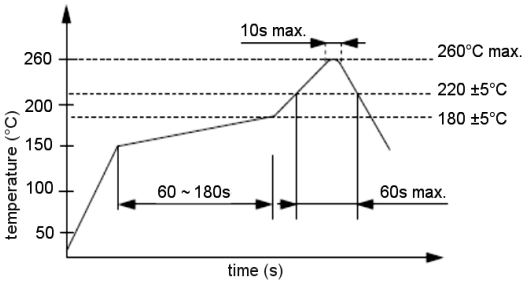
PIN	CONNECTION	
1	"L" (OV)	"H" or OPEN
2	GND	
3	Z	OUTPUT
4	V_{DD}	

Z: high impedance

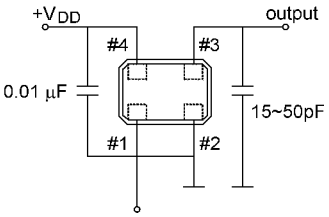
Output waveform:



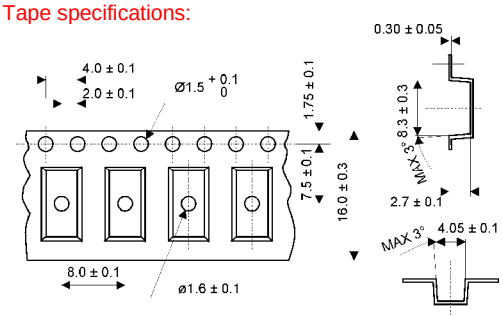
Reflow soldering condition:



Test circuit:

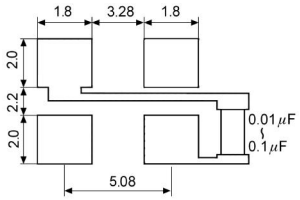


Tape specifications:



reel diameter 330 mm

Suggested soldering pad:



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