

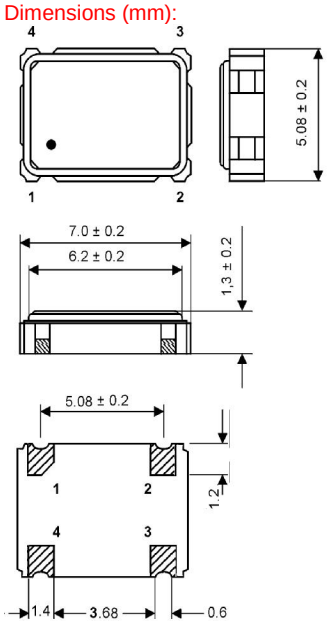
RoHS 2011/65/EU REACH compliant Conflict minerals free

GEYER quartz technology

Clock Oscillator SMD-version +3,3V

model	KXO-V97T
frequency	40,0 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 max.	6,0 mA typ., 11,0 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.	12.94412

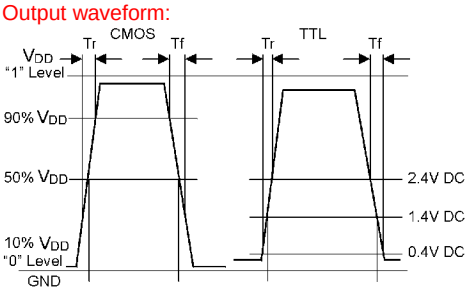
Dimensions (mm):



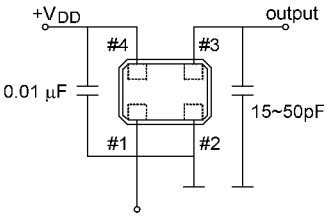
PIN	CONNECTION	
1	"L" (OV)	"H" or OPEN
2	GND	
3	Z	OUTPUT
4	V_{DD}	

Z: high impedance

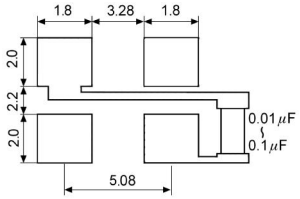
Output waveform:



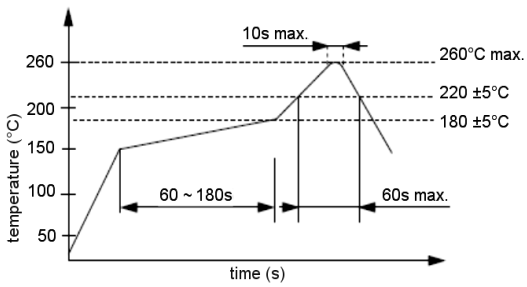
Test circuit:



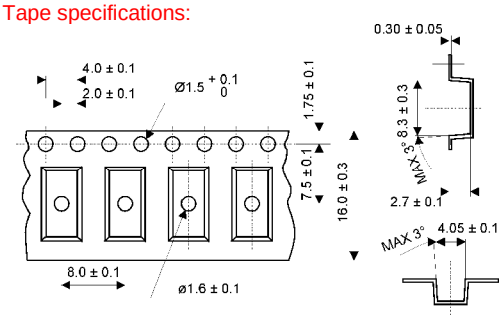
Suggested soldering pad:



Reflow soldering condition:



Tape specifications:



reel diameter 330 mm

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