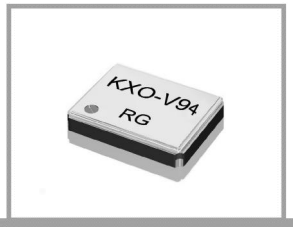


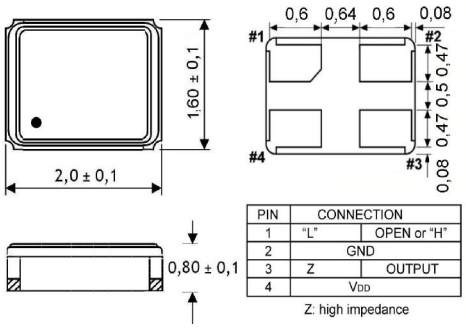
RoHS 2011/65/EU REACH compliant Conflict minerals free

GEYER quartz technology

Clock Oscillator SMD-version +3,3V

model	KXO-V94T
frequency	27,0 MHz
frequency stability at -40° ~ +85°C	± 50 ppm
operating temperature	-40° ~ +85°C
storage temperature	-55° ~ +100°C
symmetry	45% ~ 55% at 50% V_{DD} level
rise & fall time max.	5 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 DC ±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 ~ +4,0V
input current max.	7,0mA
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.	10 µA (Pin #1=VIL)
contents of reel	1000 pcs. / 3000 pcs.
part no.	12.90324

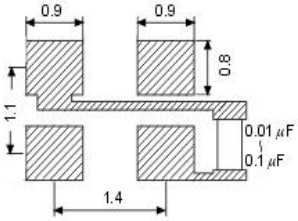
Dimensions (mm):



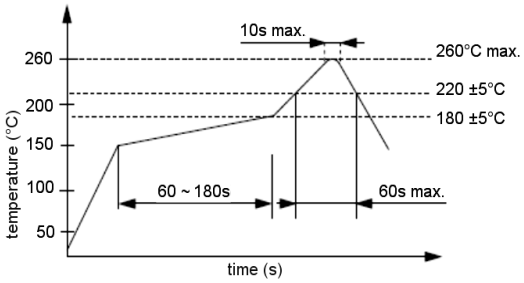
PIN	CONNECTION	
1	"L"	OPEN or "H"
2	GND	
3	Z	OUTPUT
4	V_{DD}	

Z: high impedance

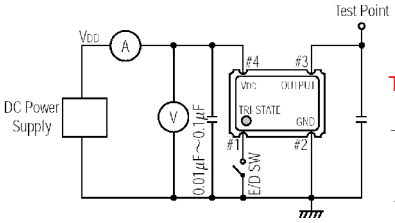
Suggested soldering pad:



Reflow soldering condition:

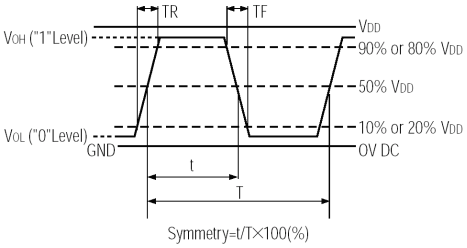


Test circuit:

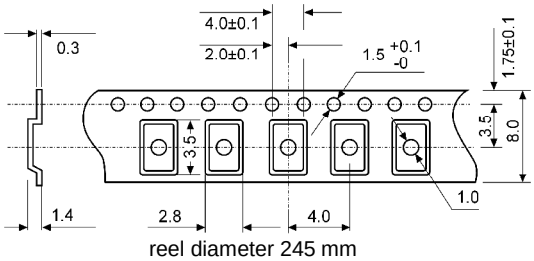


CL : including fixture and probe capacitance.

Output waveform:



Tape specification:



reel diameter 245 mm

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