Pb-free/PROZ
RoHS-konform
2002 / 95 / EG

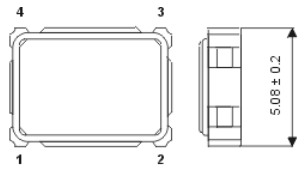
GEYER electronic
Be sure with Geyer.

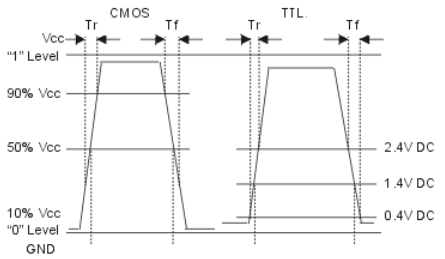
CLOCK OSCILLATORS

SMD-version

5V

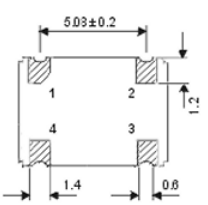
model	KXO-97
frequency range	1,0 ~ 50,0 MHz
frequency stability at -20° ~ +70°C at -40° ~ +85°C	 ± 50 ppm ± 100 ppm
operating temperature	standard -20° ~ +70°C available -40° ~ +85°C (=KXO-97T)
storage temperature	-40° ~ +85°C
symmetry	50% ± 10% at 1,4V DC level or ½ Vcc level
rise & fall time max.	TTL: 6 ns CMOS: 10 ns
"O" level max.	+ 0,4V (TTL) + 0,5V (CMOS)
"1" level min.	+2,4 (TTL) Vcc -0,5V (CMOS)
input voltage Vcc	+ 5V DC ± 10%
input current	15 ~ 40 mA mA
output load	10 TTL gates CMOS: 50 pF
start up time max.	10 ms
tristate funcion	yes
enable/disable delay time	100 ns max.
random jitter	7pS max.
peak to peak jitter	40pS max.
RoHS	since production start
contents of reel	1000 pcs.
part no.	12.94200 ~ 12.94599

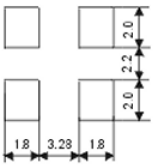




PIN	CONNECTION	
1	"L" (0V)	"H" (+5V) or OPEN
2	GND	
3	Z	OUTPUT
4	Vcc	

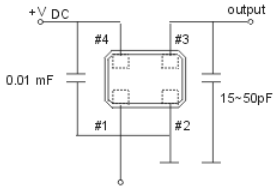
Z: high impedance

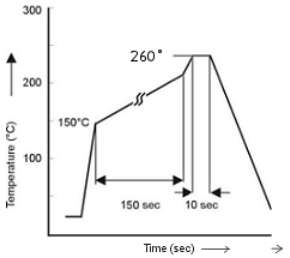




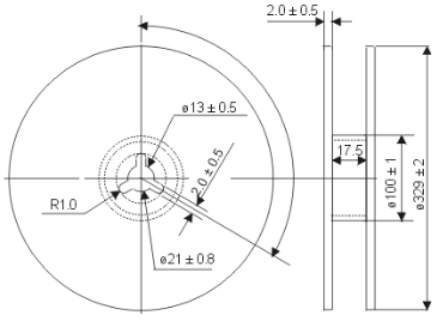
Suggested soldering pad

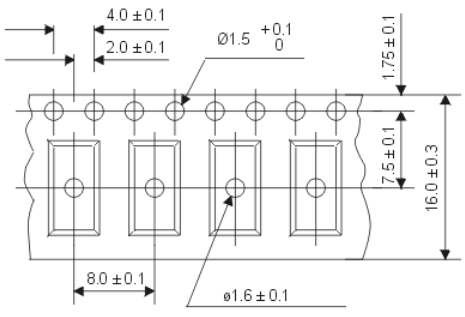
test circuit

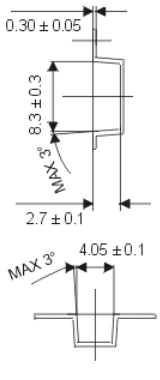




Reflow soldering condition







13.04.2007