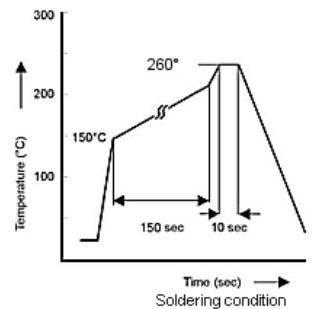
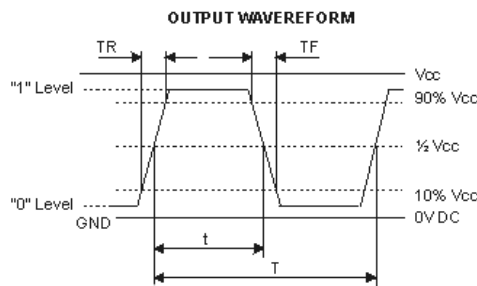
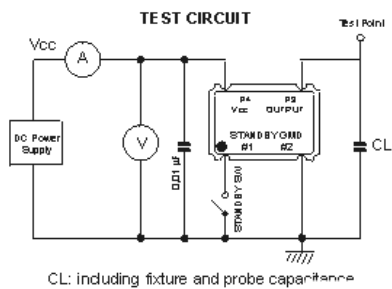
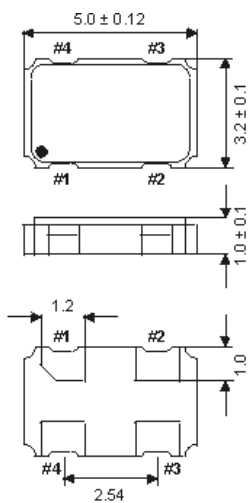




**CLOCK OSCILLATORS SMD-version 1,8V 2,5V 3,0V 3,3V**

model	KXO-V99
frequency range	1,0 - 181,0 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-V99T)
storage temperature	-55° ~ +125°C
symmetry at 1,0 - 70,0 MHz at 70,1 - 125,0 MHz	45%/55% ± 10% at ½ Vcc level 40%/60% ± 10% at ½ Vcc level
rise & fall time max.	4 ns
"0" level max.	Vcc x 0,1V
"1" level min.	Vcc x 0,9 V
input voltage Vcc	standard + 3,3V ± 5% available +1,8V ± 5%/ +2,5V / +3,0V each type ±5%
input current max.	15 mA max. ( 1,0 ~ 2,5 MHz) 8 mA max. ( 2,51 ~ 20,0 MHz) 15 mA max. (20,1 ~ 40,0 MHz) 22 mA max. (40,1 ~ 60,0 MHz) 25 mA max. (60,1 ~ 70,0 MHz) 30 mA max. (70,1 ~ 125,0 MHz)
output load	15pF
start up time max.	10 ms
tristate function	yes
enable/disable delay time	100 ns max.
stand by current	10 µA max.
random jitter	7pS max.
peak to peak jitter	40pS max.
contents of reel	1000 pcs.
RoHS	since production start
part no.	12.94600 ~ 12.94799



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

Z: high impedance

