

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

model	KXO-V95
frequency range	1,0 ~ 70,0 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-V95T)
storage temperature	-40° ~ +85° C
symmetry	40% ~ 60% at 50% V <sub>DD</sub> level
rise & fall time max.	10 ns (10% V <sub>DD</sub> ~ 90% V <sub>DD</sub> level)
"0" level max.	VOL: 10% V <sub>DD</sub>
"1" level min.	VOH: 90% V <sub>DD</sub>
input voltage V <sub>DD</sub>	+2,5 ~ +3,3V ±5%
tri-state control voltage (Pin#1)	V <sub>IH</sub> : V <sub>DD</sub> × 0,7 min. V <sub>IL</sub> : V <sub>DD</sub> × 0,3 max.
supply voltage	-0,5V ~ +7,0V
input current max.	15 mA
output load max.	15pF (CMOS)
start up time max.	10 ms
disable delay time max.	150 ns
enable delay time max.	10 ms
stand by current max.	50 µA (Pin #1=VIL)
aging for first year max.	±5 ppm at +25°
jitter	deterministic jitter 5pS max. random jitter 7ps max. norm 1-sigma 7ps max. peak to peak 40ps max.
lead-free	since production start
contents of reel	1000 pcs.
order no.	12.95500 ~ 12.95999

