

Crystek Corporation
239-561-3311 FAX 239-561-1025

3.3V Surface Mount Crystal Clock Oscillator

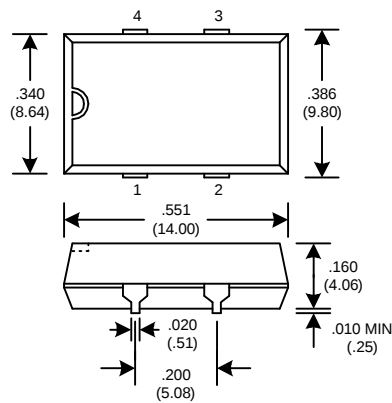
Dimensions inches (mm)

All dimensions are Max unless otherwise specified.

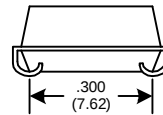
SURFACE MOUNT CRYSTAL CLOCK
 OSCILLATOR
 Y & YE 3390 / Y3392
 Available as $\pm 100\text{ppm}$ or $\pm 50\text{ppm}$

SPECIFICATIONS	Y3390 / Y3392	
	1.000 MHz - 26.000 MHz	26.001 MHz - 66.6667 MHz
Frequency Range		
Frequency Stability	3390 $\pm 100\text{ppm}$ 3392 $\pm 50\text{ppm}$	
Operating Temperature Range	Y = -10°C to $+70^{\circ}\text{C}$ YE = $(-40^{\circ}\text{C}$ to $+85^{\circ}\text{C})$	
Storage Temperature Range	-55°C to $+125^{\circ}\text{C}$	
Supply Voltage	VDD 3.3 $\pm 0.3\text{V}$	
Supply Current	10mA Max	20 mA Max
Duty Cycle HCMOS level	40% to 60%	40% to 60%
Output Voltage	VOH: VDD - 0.4V Min VOL: 0.4V Max	VOH: VDD - 0.4V Min VOL: 0.4V Max
Output Load HCMOS	15pF Max	15pF Max
Rise and Fall Time	Tr: 5 nsec Max Tf: 5 nsec Max	Tr: 5 nsec Max Tf: 5 nsec Max
Start up Time	4 msec Max	10 msec Max
Input (OE) Voltage	VIH: 2.0V Min VIL: 0.8V Max	VIH: 2.0V Min VIL: 0.8V Max
Aging (first year)	$\pm 5\text{ppm/year}$ Max	

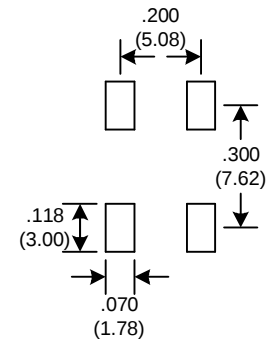
DIMENSIONS



PIN	Function
1	OE
2	GND
3	OUT
4	VDD



SUGGESTED PAD LAYOUT



Specifications subject to change without notice.

Spec.	f2
Rev.	F