

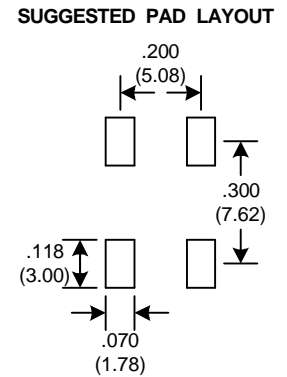
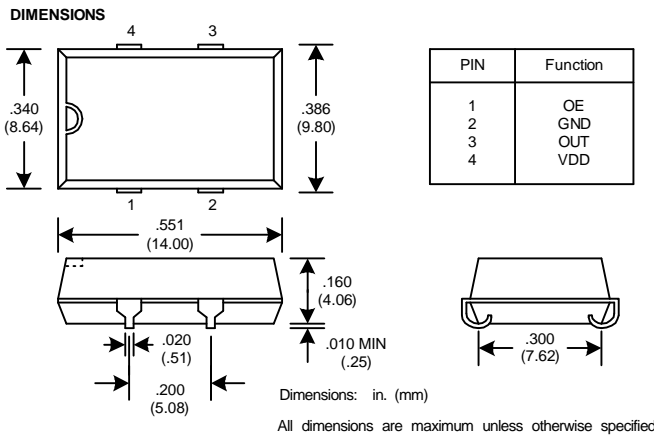
Crystek Corporation
941-561-3311 FAX 941-561-1025

Surface Mount Crystal Clock Oscillator 5Vdc
Specification Sheet "f1"

Dimensions inches (mm)
 All dimensions are MAX unless otherwise specified.

SURFACE MOUNT CRYSTAL CLOCK
 OSCILLATOR
 Y & YE 3290 / 3292 / 3291
 Available as ±100ppm, ±50ppm, ±25ppm
 Available on tape and reel

SPECIFICATIONS	Model Y & YE 3290 / 3292 / 3291	
Frequency Range	1.000 MHz - 26.000 MHz	26.001 MHz - 66.6667 MHz
Frequency Stability	3290 ± 100ppm 3292 ± 50ppm , 3291± 25ppm	
Operating Temperature Range	Y= -10°C to +70°C Std. YE = (-40°C to +85°C){±100ppm & ±50ppm Only}	
Storage Temperature Range	-55°C to +125°C	
Supply Voltage	Frequency RangeVDD 5.0 ±0.5V	
Supply Current	23mA MAX	45 mA MAX
Duty Cycle	TTL level 45% to 55%	-
	CMOS 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	TTL 10TTL MAX	-
	CMOS 50pF MAX	50pF MAX
Rise and Fall Time	Tr: 8 nsec MAX Tf: 8 nsec MAX	Tr: 7 nsec MAX Tf: 7 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
Disable Current	12mA MAX	20mA MAX
Aging (first year)	±5ppm/year MAX	
Shock Resistance	±20ppm MAX	



Specifications subject to change without notice.

Spec.	f1
Rev.	D