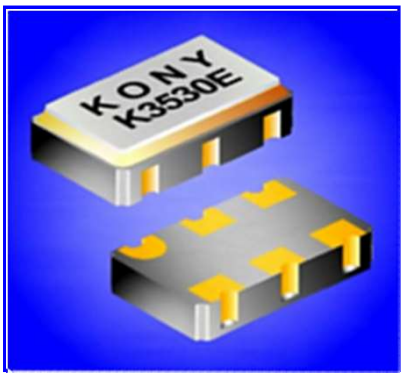
SPECIFICATION OF OSCILLATOR

K3530E Series

Crystal Oscillators



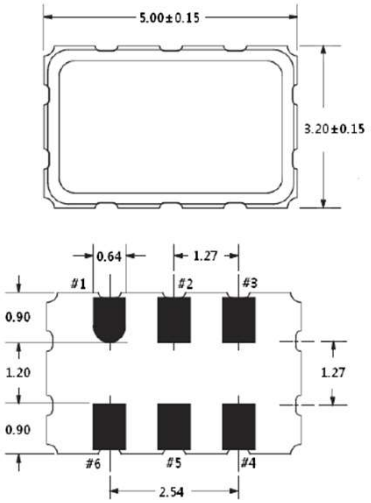
Application

-. 1/10 Gigabit Ethernet,
-. SONET/SDH linecards.
-. 2/4/10G FibreChannel
-. Serial Attached SCSI(SAS)
-. Server & Storage platforms
-. Passive Optical Network Devices
-. HD Vido Systems
-. Pb free product

Options

-. TAPE & REEL

Dimension(mm)



PIN CONNECTION			
NO	K3530LXA	K3530LXB	K3530LXC
#1	N/C	EN	N/C
#2	N/C	N/C	EN
#3	VEE	VEE	VEE
#4	OUT	OUT	OUT
#5	OUT	OUT	OUT
#6	VCC	VCC	VCC

Standard Specification

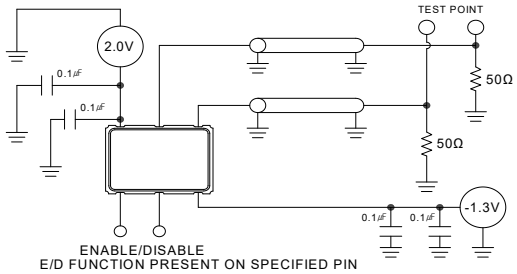
(Nominal frequency referenced to frequency at 25 ℃±2 ℃)

	K3530E
Logic Family	LVPECL
Frequency Range	25 ~ 200MHz
Frequency Stability	+/-20ppm , +/-25ppm , +/-50ppm , +/-100ppm
Operating Temp.Range	0℃ ~ +70℃, -40℃ ~ +85℃
Storage Temp.Range	-55℃ ~ +125℃
Input Voltage	+3.3 Vdc ± 10%
Input Current	110mA Max
High Level ("1")	+0.98 Min
Low Level ("0")	+0.38 Max
Rise & Fall Time	0.8 ns Max
Symmetry	40% ~ 60% (@ +50% of waveform)
Output Load	50Ω to Vcc-2V

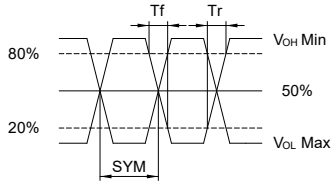
Parts Number Guide

Classification	Description									
Example	K	3	5	3	0	E	C	E	--	25.000000 MHz (Frequency)
Logo	K									KONY
Supply Voltage		3								3.3Volt
Package size			5	3						5 X 3.2mm
Temperature Range					0					0 ~ +70C
					2					-40 ~ + 85C
Logic						E				LVPECL
Frequency Stability							AA			+/-20ppm
							A			+/-25ppm
							B			+/-50ppm
							C			+/-100ppm
Output Enable/Disable Function								A		No EN
								B		PIN1-EN ,Pin2-NC
								C		PIN1- NC,Pin2- EN

Test Circuit



Output Waveform



All specifications are subject to change without notice

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