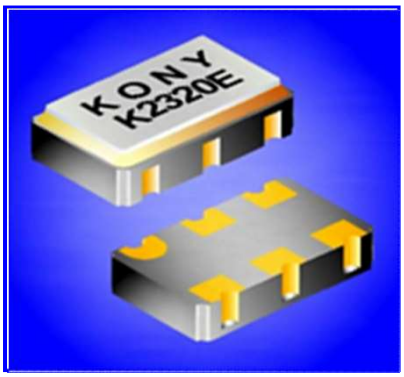
SPECIFICATION OF OSCILLATOR

K2320E Series

Crystal Oscillators



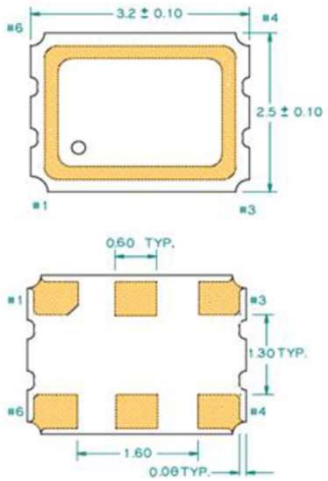
Application

-. 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	K3320LXA	K3320LXB	K3320LXC
#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

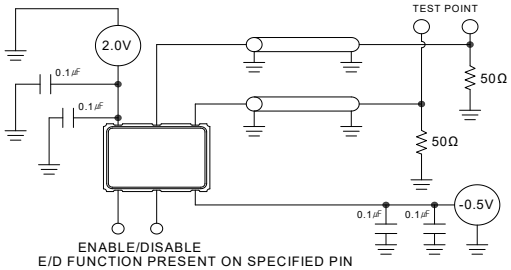
(Nominal frequency referenced to frequency at 25 ℃±2 ℃)

	K2320E
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	+ 2.5 Vdc ± 5%
Input Current	110mA Max
High Level ("1")	Vcc-1.03 V Min
Low Level ("0")	Vcc-1.62 V Max
Rise & Fall Time	0.85 ns Max
Symmetry	45% ~ 55% (@ +50% of waveform)
Output Load	50Ω to Vcc-2V

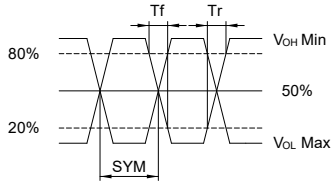
Parts Number Guide

Classification	Description									
Example	K	2	3	2	0	E	C	E	--	50.000000 MHz (Frequency)
Logo	K									KONY
Supply Voltage		2								2.5Volt
Package size			3	2						3.2 X 2.5mm
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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