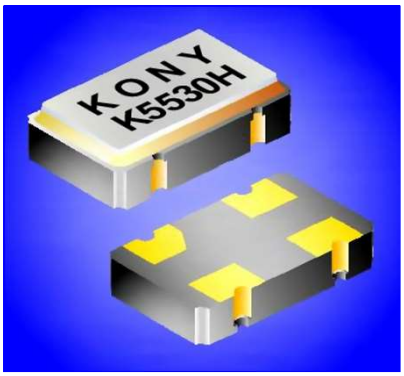
SPECIFICATION OF OSCILLATOR

K5530H Series

Crystal Oscillators



Application

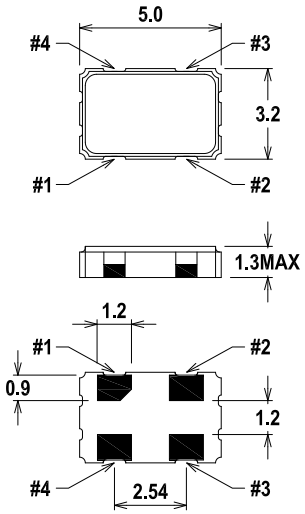
-. Ethernet,FibreChannel,SONET/SDH line cards,T1/E1,T3/E3 line cards

-. Pb free product

Options

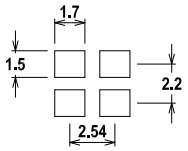
-. TAPE & REEL

Dimension(mm)

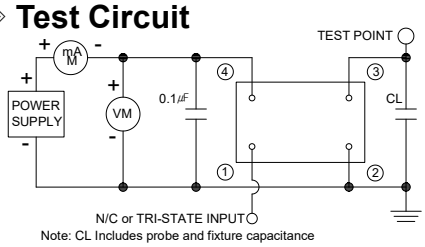


No.	Pin Connection
# 1	Tri-State or N/C
# 2	GND
# 3	Output
# 4	Vdc

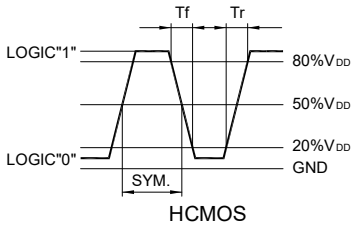
Recommended Land Pattern



Test Circuit



Output Waveform



HCMOS

Standard Specification

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

	K5530H		
Logic Family	HCMOS		
Frequency Range	1.8432 ~ 40MHz	40+ ~ 80MHz	80+ ~ 125MHz
Frequency Stability	+/-20ppm , +/-25ppm , +/-50ppm , +/-100ppm		
Operating Temp.Range	0℃ ~ +70℃, -40℃ ~ +85℃		
Storage Temp.Range	-55℃ ~ +125℃		
Input Voltage	+ 5.0 Vdc ± 10%		
Input Current	30mA Max	50mA Max	65mA Max
High Level ("1")	+90% V_{DD} Min		
Low Level ("0")	+10% V_{DD} Max		
Rise & Fall Time	10 ns Max	6 ns Max	
Symmetry	40% ~ 60% (@ +50% V_{DD} Level)		
Output Load	15pF		

Parts Number Guide

Classification	Description									
Example	K	5	5	3	0	H	C	E	--	20.000000 MHz (Frequency)
Logo	K									KONY
Supply Voltage		5								5.0Volt
Package size			5	3						5 X 3.2mm
Temperature Range					0					+0 ~ +70C
					2					-40 ~ + 85C
Logic & Duty						G				HCMOS, 45~55%
						H				HCMOS, 40~60%
						p				PLL type, 40~60%
Frequency Stability							AA			+/-20ppm
							A			+/-25ppm
							B			+/-50ppm
							C			+/-100ppm
N/C or Tri-state								( )		No Tri-state
								E		Tri-state

All specifications are subject to change without notice

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