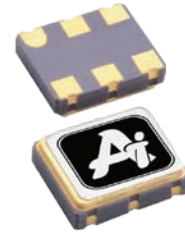




### Features

- 3rd overtone solution.
- 3-state function.
- 3.3V and 2.5V operation available.
- HCSL output frequencies 25MHz to 200MHz.
- Excellent low phase noise and jitter.
- PCI-Express, PC, Peripherals, Server, SAS, SATA and other high-Speed interface applications.
- Low current consumption.



### Electrical Specifications

Type	SMD 3225 HCSL CRYSTAL OSCILLATOR
Output Type	HCSL
Output Load	50Ω
Oscillation Mode	3rd Overtone
Supply Voltage	2.5V, 3.3V
Frequency Range	25MHz~200MHz
Overall Frequency Stability*	±50ppm, or specify
Operating Temperature Range	-20~+70°C, -40~+85°C, or specify
Storage Temperature Range	-55~+125°C
Voltage Vol (Typ.) / Voh (Typ.)	0mV /740mV
Rise(Tr) / Fall(Tf) Time(20%~80%)	0.5ns Max.
Supply Current	30mA Max.
Symmetry	45~55%
Start-up Time	10ms Max.
Phase Jitter(12kHz~20MHz)	0.2ps Typ. , 1.0ps Max.

\* Inclusive of frequency tolerance at 25°C, variation over temperature, supply voltage variation, aging and vibration.

### Ordering Information

KOH3225	025M	25	50	A	
Product Code	Frequency Range 25MHz	Supply Voltage 25=2.5V	Frequency Stability 50=±50ppm	Operating Temperature	
				A:-20~+70°C	D:-40~+125°C
				B:-10~+70°C	E:-10~+60°C
				C:-40~+85°C	F:-30~+70°C

### Dimension

Units:mm

