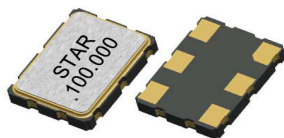


Features

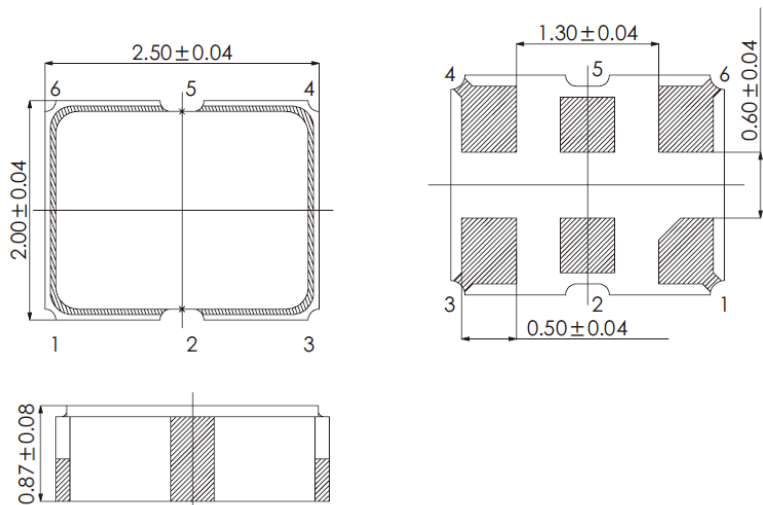


- > 3rd overtone solution.
- > 3.3V and 2.5V operation available.
- > LVDS output, output frequencies 100 MHz to 200 MHz.
- > Excellent low phase noise and jitter.
- > Applications; Fibre Channel, Gigabit Ethernet, Serial ATA, Serial Attached SCSI, PCI-Express, SDH/SONET.
- > RoHS Compliant / Pb Free.

Electrical Specifications

Item / Type	DD
Output Type	LVDS
Output Load	100Ω
Oscillation Mode	3rd Overtone
Supply Voltage	2.5V, 3.3V
Frequency Range	100 ~ 200 MHz
Overall Frequency Stability	± 30 ppm, ± 50 ppm or specify
Operating Temperature Range	- 40 ~ + 85 °C, - 40 ~ + 105 or specify
Storage Temperature Range	- 55 ~ + 125 °C
Voltage Vol(Min.) / Voh(Max.)	0.9V / 1.6V
Rise (Tr) / Fall (Tf) Time (20%~80%)	1nS Max
Supply Current	80 mA Max.
Symmetry	45 ~ 55%
Start-up Time	10 mS Max.
Phase Jitter (12 KHz ~ 20 MHz)	0.2pS Max.

Dimensions



- Pin Function:
- 1. OE
 - 2. NC
 - 3. GND
 - 4. OUT
 - 5. $\overline{\text{OUT}}$
 - 6. VDD

Units:mm

Remark : Specification subject to change without prior notice. Please confirm with our sales.[www. starwavecorp.com](http://www.starwavecorp.com)