SMD Oscillators-HCSL Output 7.0 x 5.0 x 1.3 mm BX Series

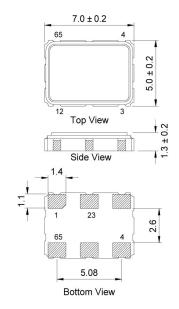
Features

- · 3.3V and 2.5V operation available.
- · HCSL output, output frequencies 25 MHz to 200 MHz.
- · Excellent low phase noise and jitter.
- · Tri-State function available.
- · PCI-Express, SAS, SATA and other high-Speed interface applications.
- · RoHS Compliant / Pb Free.

ectrical Specifications				
Item / Type	ВХ			
Output Type	HCSL			
Output Load	50 Ω			
Oscillation Mode	3rd Overtone			
Supply Voltage	2.5 V , 3.3 V			
Frequency Range	25 MHz to 200 MHz			
Overall Frequency Stability *	± 50 ppm			
Operating Temperature Range	- 40 ~ + 85 °C			
Storage Temperature Range	- 55 ~ + 125 ℃			
Voltage Vol (Typ.) / Voh (Typ.)	0 mV / 740 mV			
Rise (Tr) / Fall (Tf) Time (20 % ~ 80 %)	0.5 nS Max.			
Supply Current	30 mA Max.			
Symmetry	45 ~ 55 %			
Start-up Time	10 mS Max.			
Phase Jitter (12 KHz ~ 20 MHz)	0.2 pS Typ. , 1.0 pS Max.			

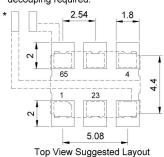
^{*} Inclusive of frequency tolerance at 25 °C, variation over temperature, supply voltage variation, aging and vibration.

Dimensions



PAD FUNCTION:

- 1: ENABLE CONTROL or NC
- 2: ENABLE CONTROL or NC
- 3: GND
- 4: OUT
- 5: OUTN
- 6: VDD
- * :External high frequency power supply decouping required.



Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales