

SMD LVPECL CXO 5.0 x 3.2 x 1.2 mm CB Series

Oscillators
 Series



Features

- 3rd overtone solution.
- 3.3V and 2.5V operation available.
- LVPECL output, output frequencies 50 MHz to 200 MHz.
- Excellent low phase noise and jitter.

LVPECL
50 Ω to VDD - 2 V
3rd Overtone
2.5 V , 3.3 V
50 ~ 200 MHz
± 50 ppm
- 40 ~ + 85 °C
- 55 ~ + 125 °C
VDD - 1.62 V / VDD - 1.025 V
1 ns Max.
80 mA Max.
45 ~ 55 %
10 ms Max.
1 ps Max.

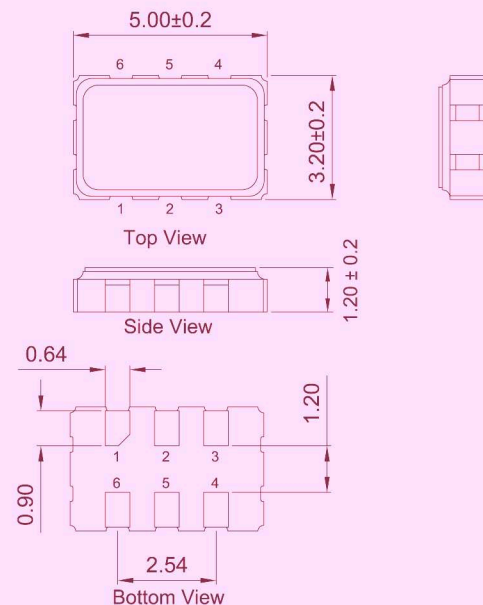
voltage variation, aging and vibration.

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

Output Type
Output Load
Oscillation Mode
Supply Voltage
Frequency Range
Overall Frequency Stability *
Operating Temperature Range
Storage Temperature Range
Voltage Vol (Max.) / Voh (Min.)
Rise (Tr) / Fall (Tf) Time (20 % ~ 80 %)
Supply Current
Symmetry
Start-up Time
Phase Jitter (12 KHz ~ 20 MHz)

* Inclusive of frequency tolerance at 25 °C, variation over temperature, supply

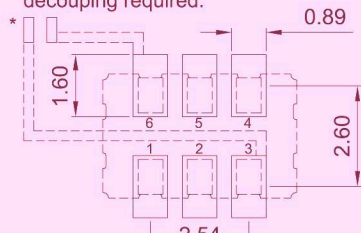
Dimensions



PAD FUNCTION:

- 1: ENABLE CONTROL or TC
- 2: ENABLE CONTROL or TC
- 3: GND
- 4: OUT
- 5: OUT
- 6: VDD

* :External high frequency power supply decoupling required.



Top View Suggested Layout

Units: mm