SMD LVPECL SO 5.0 x 3.2 x 1.2 mm CS Series



Features

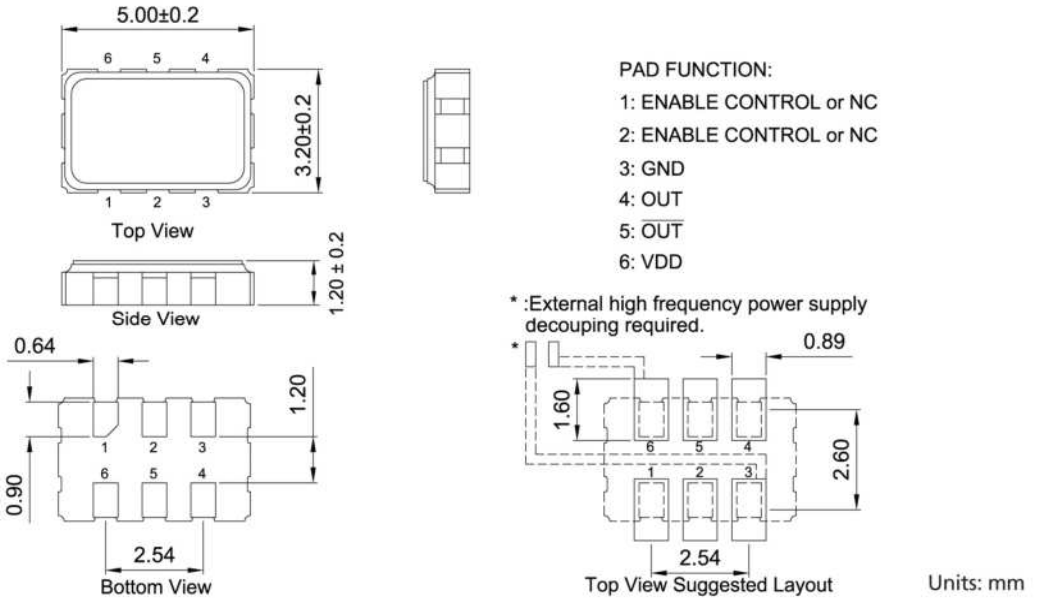
- SAW base solution.
- 3.3V and 2.5V operation available.
- LVPECL output, output frequencies 150 MHz to 700 MHz.
- Excellent low phase noise and jitter.
- Tri-State function available.
- Applications : Fibre Channel, Gigabit Ethernet, Serial ATA, Serial Attached SCSI, PCI-Express, SDH / SONET.
- RoHS Compliant / Pb Free.

Electrical Specifications

Item / Type	CS
Output Type	LVPECL
Output Load	50 Ω to VDD - 2 V
Oscillation Mode	Fundamental
Supply Voltage	2.5 V , 3.3 V
Frequency Range	150 ~ 700 MHz
Overall Frequency Stability *	± 100 ppm , or specify
Operating Temperature Range	-10 ~ + 70 ℃ , or specify
Storage Temperature Range	- 55 ~ + 125 ℃
Voltage Vol (Max.) / Voh (Min.)	VDD - 1.62 V / VDD - 1.025 V
Rise (Tr) / Fall (Tf) Time (20 % ~ 80 %)	1 ns Max.
Supply Current	80 mA Max.
Symmetry	45 ~ 55 %
Start-up Time	10 ms Max.
Phase Jitter (12 KHz ~ 20 MHz)	1 ps Max.

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

Dimensions



Units: mm

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