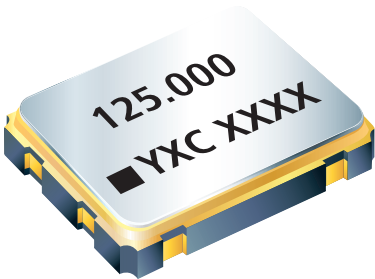


SMD Crystal Oscillators- CMOS Output

7.0 x 5.0 x 1.3 mm YSO751SR Series

Features

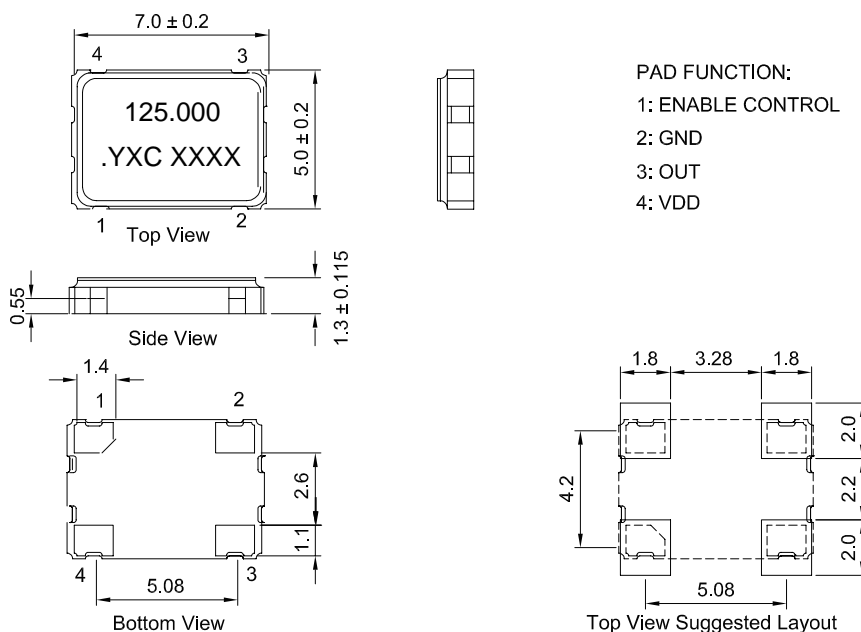
- Small SMD seam sealed clock crystal oscillator units.
- High precision characteristic covering up to wide frequency range.
- Designed for automatic mounting and reflow soldering.
- Tri-State function available.
- Supply voltage range : 1.8 V ~ 5 V.
- High stability, low jitter, low power consumption.
- Main application : wireless communication, PC, and LCDM.
- RoHS Compliant / Pb Free.



Electrical Specifications

Item / Type	YSO751SR
Output Type	CMOS
Output Load	15 pF, or specify
Oscillation Mode	Fundamental / 3rd Overtone
Supply Voltage	1.8V/2.5V/3.3V/5V, or specify
Frequency Range	1 ~ 200 MHz
Frequency Stability	± 10 ppm ~ ± 50 ppm
Operating Temperature Range	- 20 ~ + 70 °C , - 40 ~ + 85 °C
Storage Temperature Range	- 40 ~ + 85 °C , - 55 ~ + 125 °C
Voltage Vol (Max.) / Vol (Min.)	90%Vdd min./10%Vdd max
Rise (Tr) / Fall (Tf) Time	8 ns Max.
Supply Current	See Below
Symmetry	40 ~ 60 % Standard
Start-up Time	10 ms Max.
Aging (at 25 °C)	± 3 ppm / year Max.

Dimensions



Units: mm