

VCXO - 105N

[MODEL]

VCXO - 105N : HC-MOS level crystal oscillator

[FEATURES]

- "Small Size" as small as 2.0cc.
(20.8×13.08×7.46 mm)
- All-metal welded package.
- Using welded crystal.
- Hybrid-IC circuit construction.
- LS-TTL compatible output.

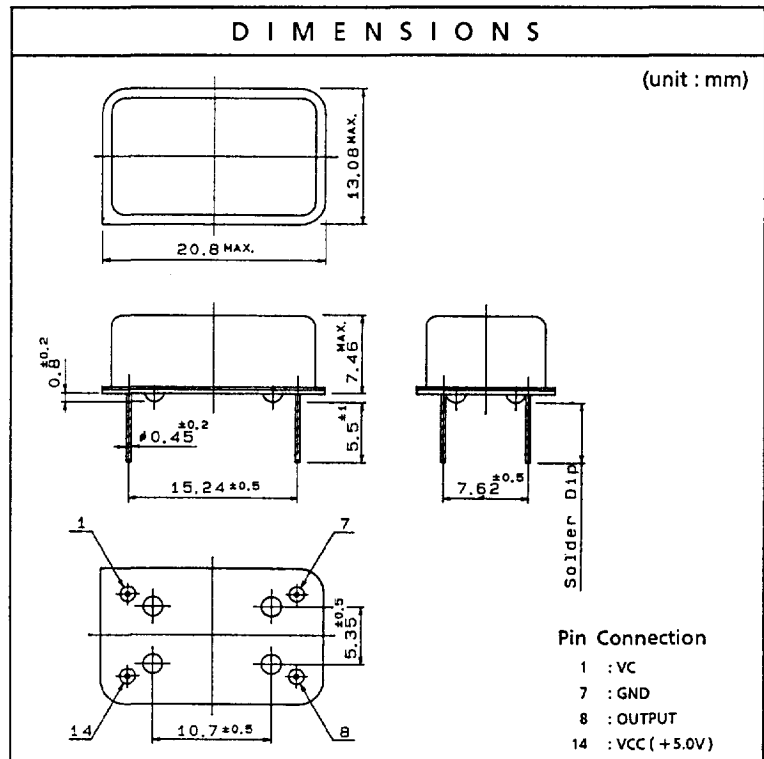
[TYPICAL APPLICATIONS]

- Phase locked loop

[STANDARD FREQUENCIES]

- 32.768MHz , 12.352MHz , 16.384MHz

[SPECIFICATIONS]



MODEL	VCXO-105N
Frequency range	1.544 MHz to 32.768 MHz
Storage temperature	-40°C to +85°C
Operable temperature range	-20°C to +70°C
Power supply voltage	+5.0 V ± 0.25 V
Power supply current	27mA max.
Frequency temperature characteristics (Reference at +25°C, VC=+2.5V)	±30×10 ⁻⁶ max. / -20°C to +70°C
Supply voltage change	±3×10 ⁻⁶ max. / +5.0 V ± 0.25 V
Frequency aging	±5×10 ⁻⁶ max. / year
Frequency tuning voltage	+2.5 V ± 0.5 V (at +25°C)
Frequency deviation	±100×10 ⁻⁶ min. / +2.5 V ± 2.0 V (VC)
Output level	VOH: +4.5 V min. / VOL: +0.5 V max.
Output symmetry	40% to 60% (at +2.5 V DC)
Rise time / Fall time	10 ns max. / 10 ns max.
Output load	15 pF
Vibration	10Hz to 55Hz Amplitude 1mm cycle 1 minute. 3 directions. 2 hours each
Shock	1000 G
Humidity	60°C 95% / RH 1000 hours
Weight	5 gr

- ※ If specifications does not meet your requirements.
We will design a unit to your requirements.
- ※ All specifications and details published are subject to change without notice.