

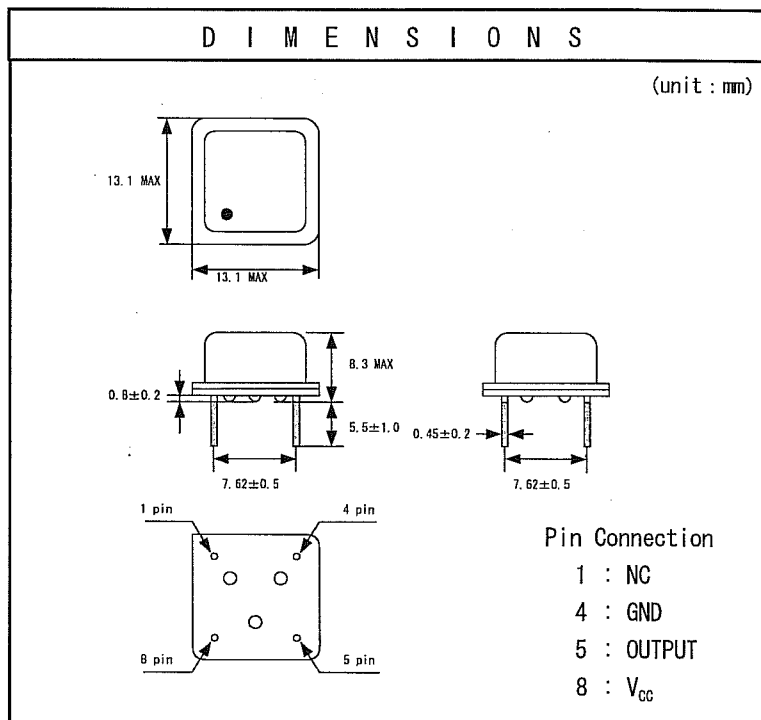
CX0-291A
HC-MOS level crystal oscillator

【Features】

- "Small Size" as small as 1.4cc
(13.1×13.1×8.3mm)
- ALL-metal welded package
- Using welded crystal
- Hybrid-IC circuit construction
- HC-MOS compatible output

【Typical Application】

- Computer Clock



【Specifications】

MODEL	CX0-291A
Frequency range	10MHz to 25MHz
Frequency stability	$\pm 100 \times 10^{-6}$ / -10°C to +70°C (initial tolerance at 25°C included)
Operable temperature range	-10°C to +70°C
Storage temperature	-20°C to +85°C
Frequency aging	$\pm 5 \times 10^{-6}$ max. /year
Power supply voltage	+5.0V±0.25V
Power supply current	70mA max.
Output load	50pF
Output level	V _{OH} : +4.5V min. / V _{OL} : +0.5V max.
Outputs symmetry	40% to 60% (at +2.5V DC)
Rise time / Fall time	10ns max. / 10ns max.
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	3 gr

* If specifications do not meet your requirements,
we will design a unit to your requirements.

* All specifications and details published are subject to change without notice.

KYOCERA KINSEKI Corporation