

C X O - 1 0 8

[MODEL]

CXO - 108 : 10KH ECL level crystal oscillator

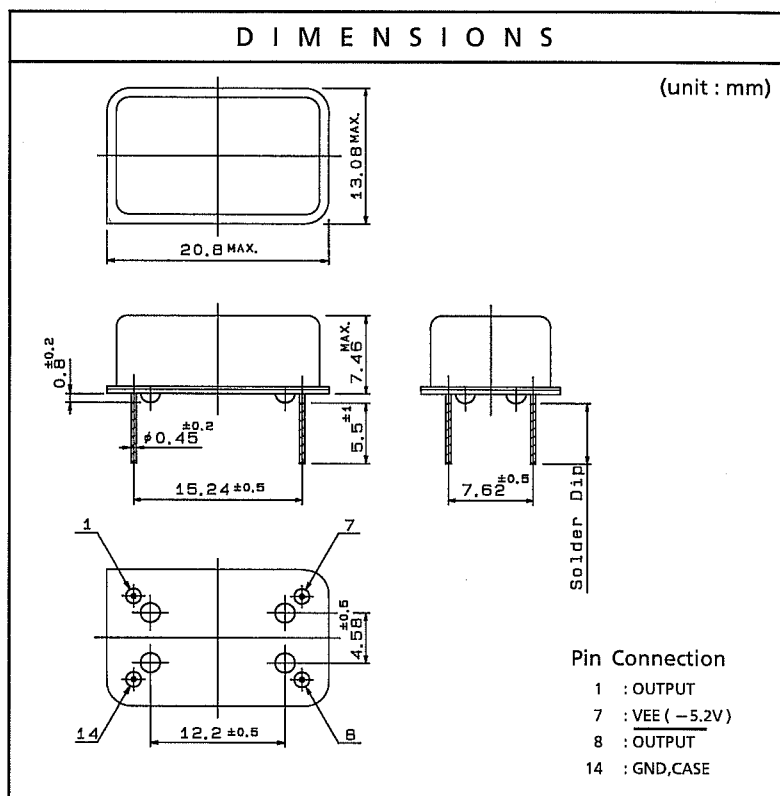
[FEATURES]

- "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.
- 10KH ECL compatible output.
- For -Voltage.

[TYPICAL APPLICATIONS]

- Computer clock
- CRT Display

[SPECIFICATIONS]



MODEL	CXO-108
Frequency range	80 MHz to 200 MHz
Frequency stability	$\pm 100 \times 10^{-6}$ max. / -10°C to $+70^{\circ}\text{C}$ (Initial tolerance at 25°C included.)
Operable temperature range	-10°C to $+70^{\circ}\text{C}$
Storage temperature	-20°C to $+85^{\circ}\text{C}$
Frequency aging	$\pm 5 \times 10^{-6}$ max. / year
Power supply voltage	$-5.2\text{ V} \pm 0.25\text{ V}$
Power supply current	60mA max.
Output load	10KH ECL
Output level (to GND)	VOH: -1.02V to -0.74V / VOL: -1.95V to -1.60V
Output symmetry	40% to 60% (at -1.29 V DC)
Rise time / Fall time	3.5 ns max. / 3.5 ns 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	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.