

VC-CXO-072

Voltage Controlled Crystal Oscillator (TTL Compatible Output)

[Features]

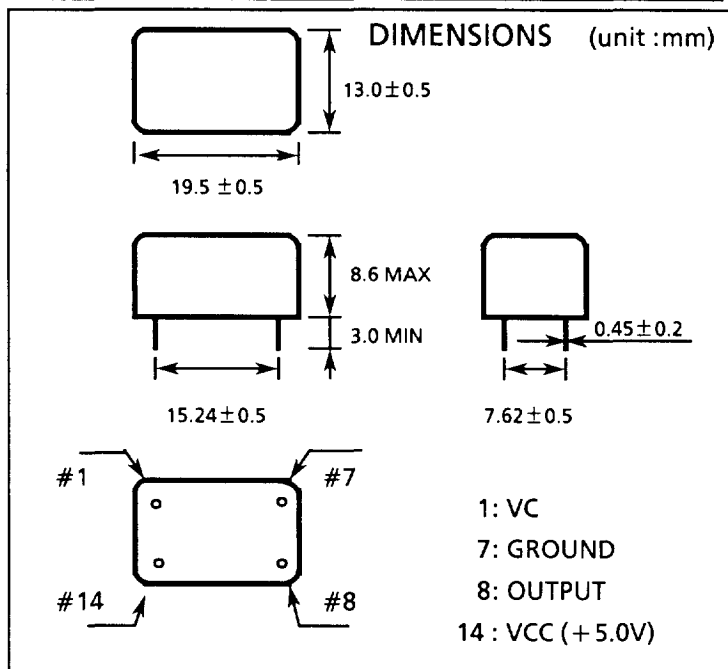
- "Small Size" as small as 2.2cc
(19.5×13.0×8.6mm)
- Using welded crystal
- Hybrid-IC circuit construction

[Typical Application]

- VTR Camera

[Standard Frequency]

- 13.500000MHz 14.187500MHz
- 14.318180MHz 17.734475MHz
- 28.636360MHz



[Specifications]

MODEL	VC-CXO-072
Frequency range	11 to 34 MHz
Frequency - temperature characteristics	$\pm 40 \times 10^{-6} / -20^{\circ}\text{C to } +70^{\circ}\text{C}$
Operable temperature range	$-20^{\circ}\text{C to } +70^{\circ}\text{C}$
Storage temperature	$-40^{\circ}\text{C to } +85^{\circ}\text{C}$
Frequency aging	$\pm 3 \times 10^{-6}$ max / year
Frequency Deviation	$\pm 50 \times 10^{-6}$ min / +1.0 V to +4.0 V (VC)
Frequency tuning Voltage	+2.5 V \pm 0.5 V (at +25°C)
Power Supply Voltage	+5.0 V \pm 0.25 V
Power Supply Current	20mA max
Frequency vs Vcc change	$\pm 1 \times 10^{-6}$ max / +5.0 V \pm 0.25 V
Output Load	Normal TTL 1
Output Level	VOH: 3.0 V min / VOL: 0.4 V max
Output Symmetry	40% to 60% (at 1.4 V DC)
Vibration	5Hz to 100Hz 2G
Shock	20 G's for 11ms 1/2 sine wave 3 shock each plane
Humidity	70°C 85% / RH 125 hours
Weight	4.0 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.

KINSEKI, LIMITED