

VCXO-121F

Voltage Controlled Crystal Oscillator (TTL Compatible Output)

【Features】

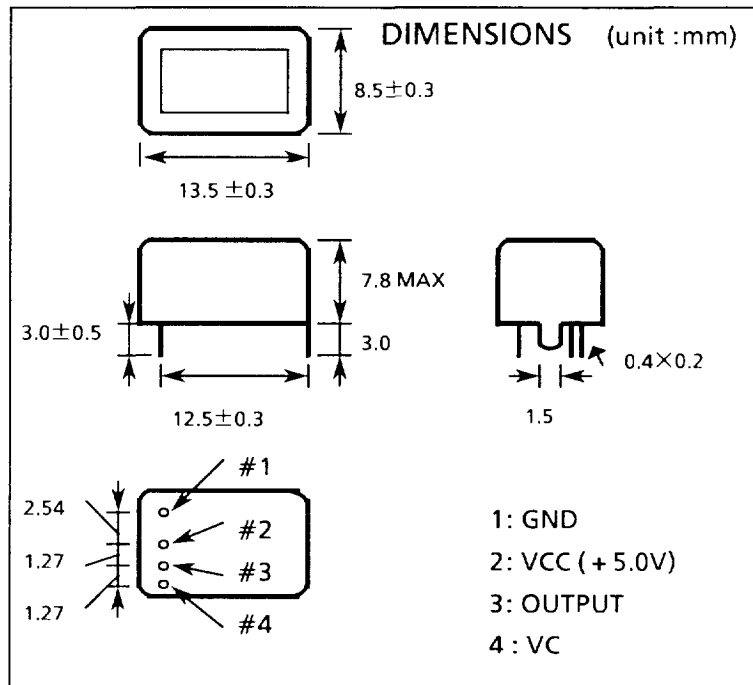
- "Small Size" as small as 0.9cc (13.5×8.5×7.8mm)
- Hybrid-IC circuit construction

【Typical Application】

- Video System
- VTR Camera

【Standard Frequency】

- 14.318180MHz
- 17.734475MHz
- 21.477270MHz
- 28.636360MHz



【Specifications】

MODEL	VCXO-121F
Frequency range	14 to 29 MHz
Frequency temperature characteristics	$\pm 30 \times 10^{-6} / -10^{\circ}\text{C to } +60^{\circ}\text{C}$
Operable temperature range	$-10^{\circ}\text{C to } +60^{\circ}\text{C}$
Storage temperature	$-30^{\circ}\text{C to } +80^{\circ}\text{C}$
Frequency aging	$\pm 5 \times 10^{-6}$ max / year
Frequency Deviation	$\pm 50 \times 10^{-6}$ min / +0.0 V to +5.0 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	15mA max
Frequency vs VCC change	$\pm 7 \times 10^{-6}$ max / +5.0 V \pm 0.25 V
Output Load	C-MOS or LSTTL 10
Output Level	VOH: +2.4 V min / VOL: +0.4 V max
Output Symmetry	40% to 60% (at +1.5 V DC)
Vibration	10Hz to 55Hz Amplitude 1mm Cycle 1 minute. 3 directions. 1 hours each
Shock	1000 G
Humidity	60°C 95% / RH 1000 hours
Weight	1.5 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.

KINSEKI, LIMITED