

# VCXO-252J

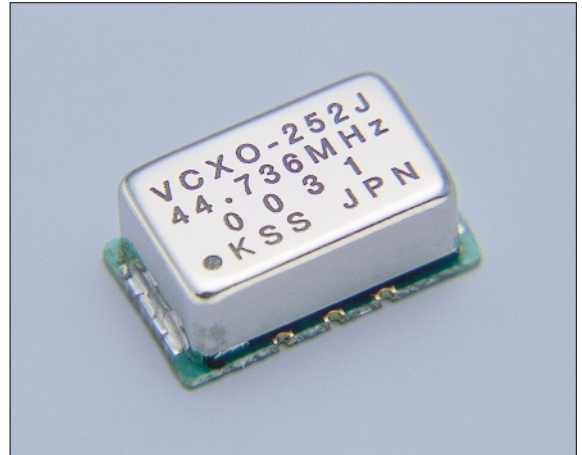
## VCXO

### ■Features

- “Small Size” as small as 0.72cc. (14.8×8.65×5.7mm)
- All-metal welded package.
- Using welded crystal.
- Hybrid-IC circuit construction.
- C-MOS Compatible output.

### ■Typical Applications

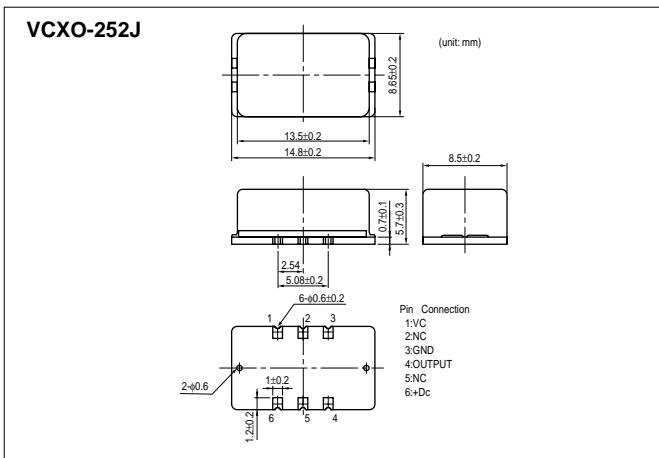
- Digital switching system



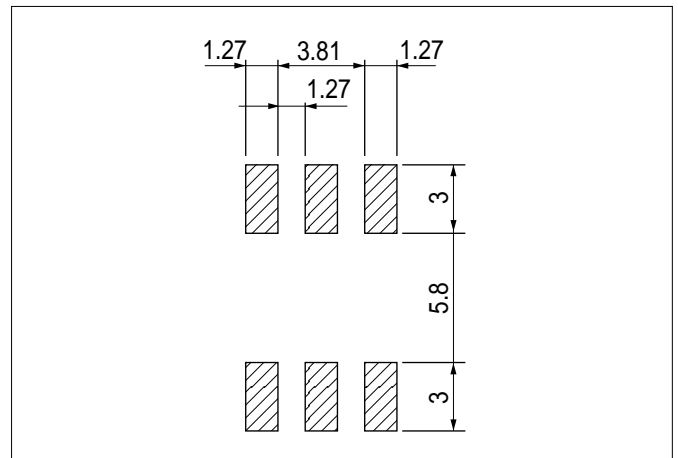
### ■Specifications

Item	Type	VCXO-252J
Frequency Range		12~52MHz
Standard Frequencies (MHz)		16.384, 24.576, 26.000, 32.768, 36.864, 38.880, 44.736, 49.152, 51.840
Frequency Temperature Characteristics		$\pm 40 \times 10^{-6}$ MAX./-40~+85℃
Operating Temperature Range		-40~+85℃
Storage Temperature		-40~+90℃
Frequency Aging		$\pm 5 \times 10^{-6}$ MAX./year
Frequency Tuning Voltage		+2.5V $\pm$ 0.5V (at +25℃)
Frequency Deviation		$\pm 100 \times 10^{-6}$ MIN./+2.5V $\pm$ 2.0V (positive)
Power Supply Voltage		+5.0V $\pm$ 0.25V
Power Supply Current		30mA MAX.
Output Load		15pF
Output Level		V <sub>OH</sub> : +4.5V MIN./V <sub>OL</sub> : +0.5V MAX.
Output Symmetry		40~60% (at +2.5V DC)
Rise Time/Fall Time		10ns MAX./10ns MAX.
Vibration		10Hz~55Hz Amplitude 1mm Cycle 1 minute. 3 direction. 2 hour each
Shock		1000G
Humidity		60℃ 95%/RH 1000 hours
Weight		1.5gr

### ■Outline



### ■Land Pattern(reference)



Dimensions(mm)