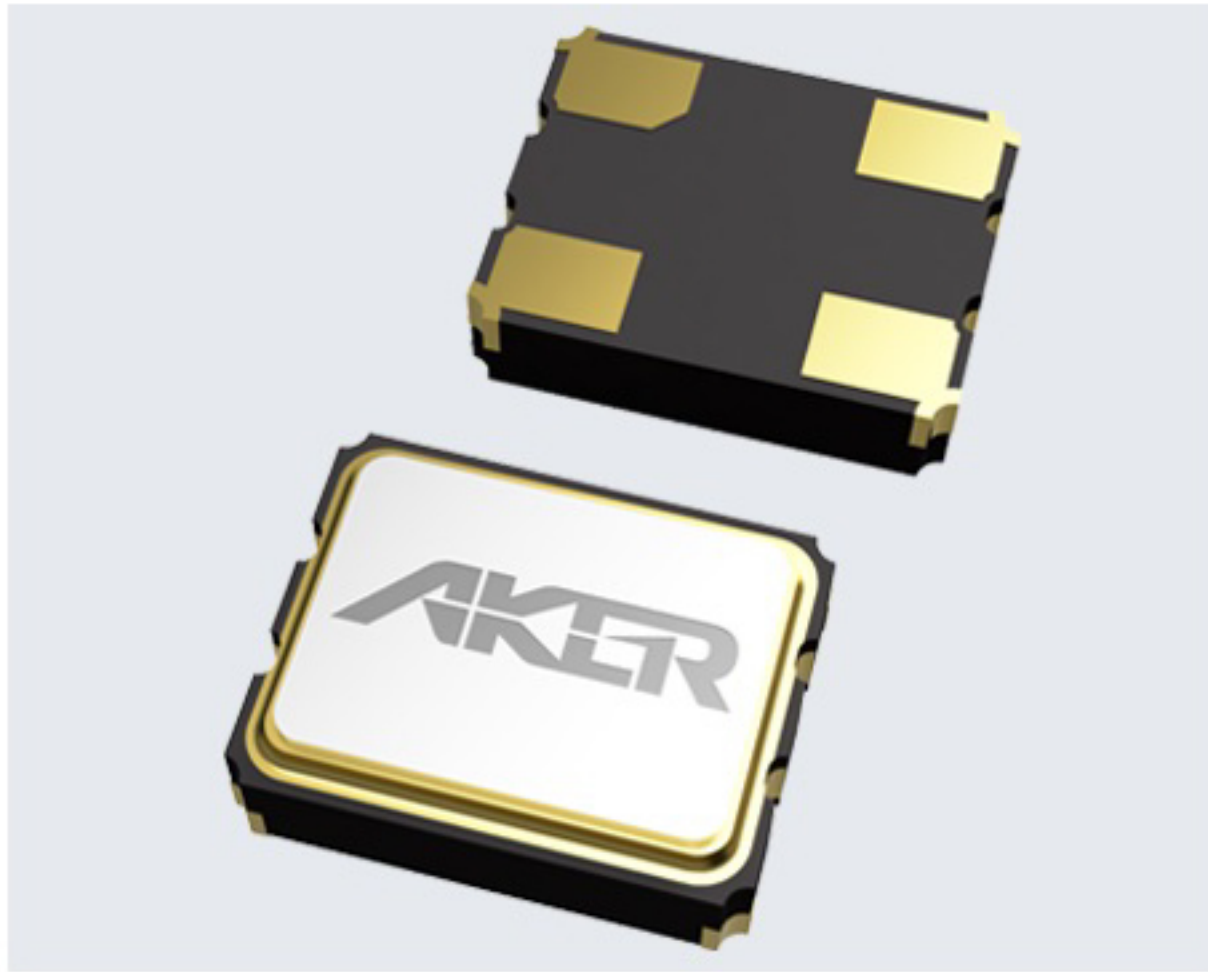


# CRYSTAL OSCILLATORS

VCXO

ACTUAL SIZE:

## VXON-221 SERIES CERAMIC PACKAGE



### APPLICATIONS

- ▶ IPC
- ▶ STB
- ▶ Router

### FEATURES

- ▶ Voltage Controlled Crystal Oscillator
- ▶ Frequency Adjustable
- ▶ Low Power Consumption
- ▶ Heavy Loading Capability
- ▶ RoHS Compliant

## Specification

MODEL		
FREQUENCY RANGE	MHz	2.500 ~ 54.000
FREQUENCY STABILITY*	ppm	± 25 ~ ± 100 (VCON at 50% VDC)
FREQUENCY CONTROL RANGE	ppm	± 50 ~ ± 100 Min.
CONTROL VOLTAGE RANGE	V	10% VDC ~ 90% VDC
OPERATING TEMPERATURE	°C	- 20 ~ + 70 Or Specify ( - 40 ~ + 125 is available)
STORAGE TEMPERATURE	°C	- 55 ~ + 125
POWER SUPPLY VOLTAGE	VDC	+3.3 ± 10%
OUTPUT SYMMETRY	%	45 ~ 55 (at 50% VDC)
INPUT CURRENT	mA (Max.)	12
OUTPUT LOAD		15 pF Max.
RISE / FALL TIME	ns (Max.)	5
AGING	ppm/Year	± 3

\*Inclusive of 25°C ± 3°C & Operating Temperature Range.

\*\*Specification subject to change without notice.

## Pin Connection

PIN No.	#1	#2	#3	#4
Connection	VCON	GND	Output	VDC

## Dimension(mm)

### VXON-221 SERIES

