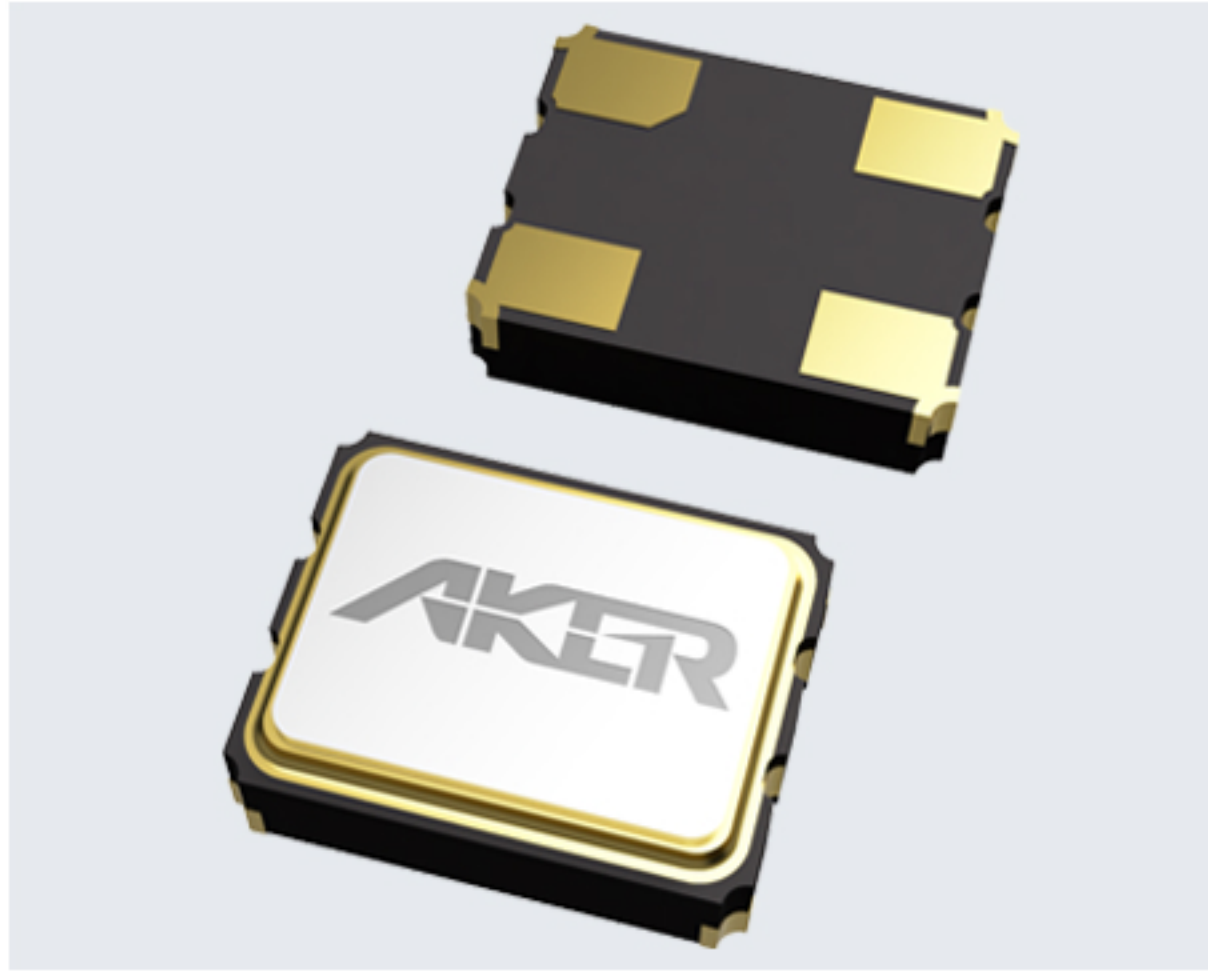


CRYSTAL OSCILLATORS

VCXO Automotive Grade

 ACTUAL SIZE:

VXOF-211 CERAMIC PACKAGE



APPLICATIONS

- ▶ Navigation
- ▶ Camera
- ▶ Telematics
- ▶ RKE

FEATURES

- ▶ Voltage Controlled Crystal Oscillator
- ▶ Frequency Adjustable
- ▶ Low Power Consumption
- ▶ Heavy Loading Capability
- ▶ RoHS Compliant
- ▶ IATF-16949 Certified
- ▶ AEC-Q200 Qualifie

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)

VXOF-211 SERIES

