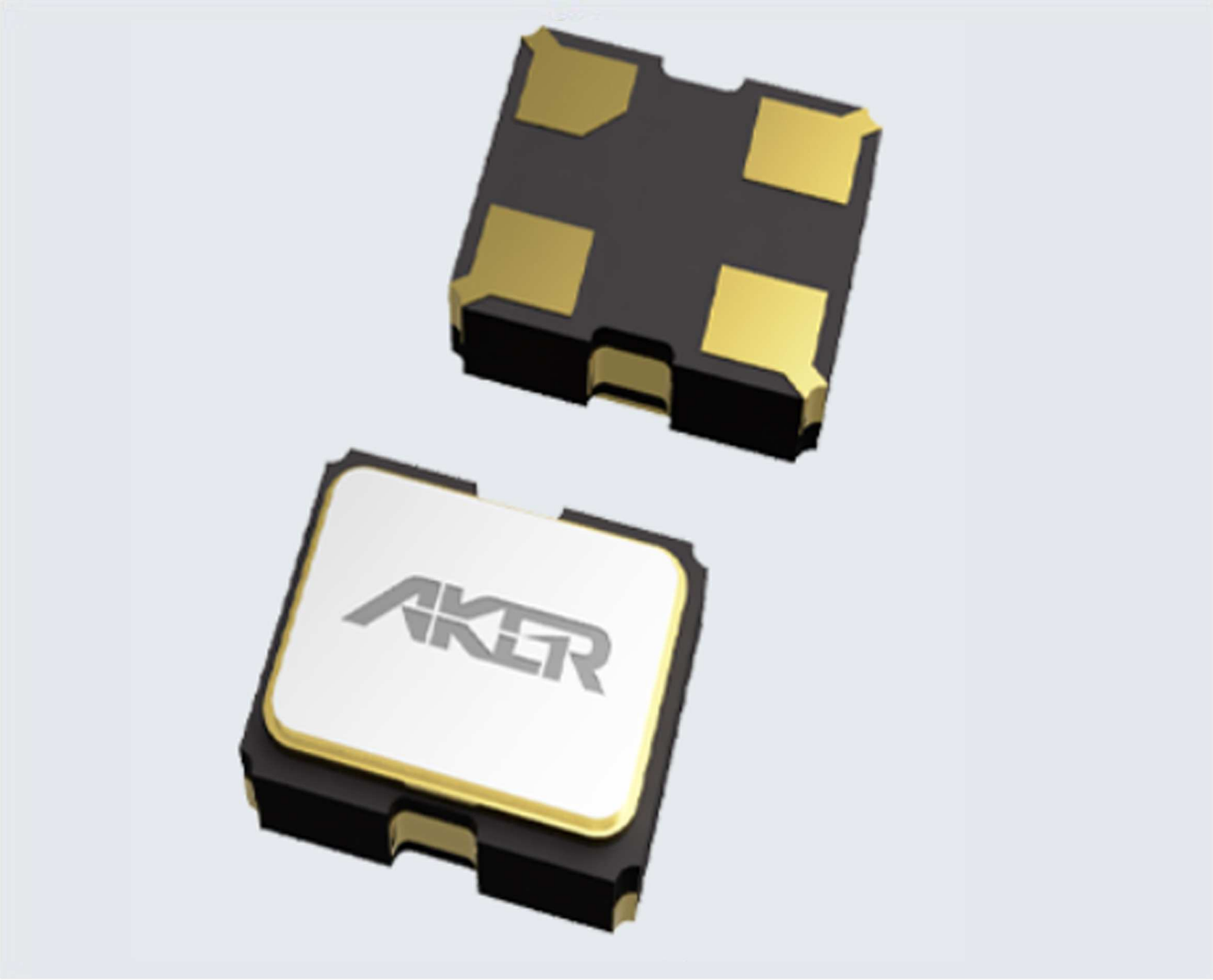


CRYSTAL OSCILLATORS

TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR

ACTUAL SIZE:

TXON-211Z SERIES CERAMIC PACKAGE



APPLICATIONS

- ▶ Cell Phone
- ▶ Communication
- ▶ Test Equipment
- ▶ Wearable Devices
- ▶ IoT Devices

FEATURES

- ▶ Seam Seal
- ▶ Low power consumption
- ▶ RoHS Compliant

Specification

MODEL		
FREQUENCY RANGE	MHz	13.000 ~ 52.000
FREQUENCY TOLERANCE	ppm	± 2.0 Max.
OPERATING TEMPERATURE	°C	- 30 ~ + 85 Or - 40 ~ + 85
STORAGE TEMPERATURE	°C	- 55 ~ + 125
POWER SUPPLY VOLTAGE	VDC	+1.2 ± 5%
FREQUENCY STABILITY		
VS. OPERATING TEMPERATURE*	ppm	± 0.5 ~ ± 2.0
VS. POWER SUPPLY VOLTAGE	ppm (Max.)	± 0.2
VS. OUTPUT LOAD	ppm (Max.)	± 0.2
OUTPUT WAVEFORM		CLIPPED SINEWAVE
OUTPUT LOAD		10KΩ//10pF
OUTPUT LEVEL	Vp-p (Min.)	0.8
INPUT CURRENT		
10.000 ~ 52.000MHz	mA (Max.)	2.5
PHASE NOISE		
@100Hz offset		-115
@1KHz offset	dBc/Hz (Typ.)	-133
@10KHz offset		-146
START UP TIME	ms (Max.)	2.0
Enable-Disable Function		Yes
AGING	ppm/Year	± 1

*Refer to the middle point between the minimum and maximum frequency values.
 **Specification subject to change without notice.

Pin Connection	
PIN No.	Connection
#1	Enable/Disable
#2	GND
#3	Output
#4	VDC

Enable/Disable Function	
Pin #1	Pin #3
HIGH	Frequency Output
LOW	Frequency Halt

Dimension(mm)

TXON-211Z SERIES