

CRYSTAL UNITS

CXAN-531 SERIES

CERAMIC PACKAGE

Applications

- Security
- Home Appliance
- Meter

Features

- Seam Seal
- Excellent Solderability
- Excellent Vibration Resistance & Shock Resistance
- High Frequency Stability
- Excellent Thermal Hysteresis
- RoHS Compliant

■ Actual Size:

Specification

MODEL

DIMENSION	(mm)	5.00 X 3.20	
FREQUENCY			
FREQUENCY RANGE (Fundamental)	MHz	8.000 ~ 54.000	
FREQUENCY RANGE (3rd Overtone)	MHz	40.000 ~ 133.000	
FREQUENCY TOLERANCE (25 °C)	ppm	± 10 ~ ± 50	
FREQUENCY STABILITY (Ref to 25 °C)	ppm	± 15 ~ ± 100	± 50 ~ ± 100
ENVIRONMENTAL CONDITION			
OPERATING TEMPERATURE RANGE	°C	- 20 ~ + 70 Or Specify (- 40 ~ + 125 is available)	- 55 ~ + 125
STORAGE TEMPERATURE RANGE	°C	- 55 ~ + 125	
AGING / YEAR	ppm	± 3	
ELECTRICAL SPECIFICATIONS			
TEST CIRCUIT		S&A 250B With π Fixture	
LOAD CAPACITANCE	pF	SERIES, 6pF to 47pF, or Specify	
DRIVE LEVEL	uW	15, 30, 50, 100, 200 or special requirement	
EQUIVALENT SERIES RESISTANCE	Ω	See Table	
SHUNT CAPACITANCE	pF	7.0 Max.	

*Specification subject to change without notice.

Equivalent Series Resistance (Ω)

Frequency Range	Mode of Operation	ESR
8.000 ~ 9.999	Fundamental	60Ω Max.
10.000 ~ 11.999	Fundamental	45Ω Max.
12.000 ~ 15.999	Fundamental	35Ω Max.
16.000 ~ 19.999	Fundamental	30Ω Max.
20.000 ~ 49.999	Fundamental	25Ω Max.
50.000 ~ 54.000	Fundamental	20Ω Max.
40.000 ~ 59.999	3rd Overtone	70Ω Max.
60.000 ~ 133.000	3rd Overtone	60Ω Max.

Dimension(mm)

