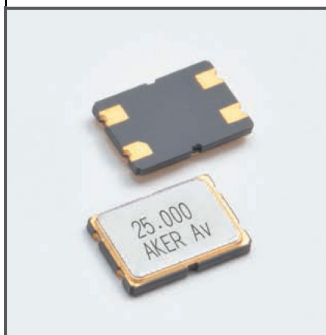


CRYSTAL UNITS



CXAN-751 SERIES

CERAMIC PACKAGE

Applications

- Industry Control
- Home Appliance
- Computer

Features

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

■ Actual Size:



Specification

MODEL

| | | | |
|--------------------------------------|--------|---|--------------|
| DIMENSION | (mm) | 7.00 X 5.00 | |
| FREQUENCY | | | |
| FREQUENCY RANGE (Fundamental) | MHz | 6.000 ~ 50.000 | |
| 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 |
|------------------|-------------------|----------|
| 6.000 ~ 7.999 | Fundamental | 70Ω Max. |
| 8.000 ~ 9.999 | Fundamental | 40Ω Max. |
| 10.000 ~ 11.999 | Fundamental | 35Ω Max. |
| 12.000 ~ 19.999 | Fundamental | 30Ω Max. |
| 20.000 ~ 39.999 | Fundamental | 25Ω Max. |
| 40.000 ~ 50.000 | Fundamental | 20Ω Max. |
| 40.000 ~ 51.999 | 3rd Overtone | 70Ω Max. |
| 52.000 ~ 79.999 | 3rd Overtone | 65Ω Max. |
| 80.000 ~ 133.000 | 3rd Overtone | 60Ω Max. |

Dimension(mm)

