

CRYSTAL UNITS

Automotive Grade

CXAF-030000-BD08X40

CERAMIC PACKAGE

ACTUAL SIZE: □



APPLICATIONS

- ▶ Camera
- ▶ TPMS
- ▶ Bluetooth

FEATURES

- ▶ Seam Seal
- ▶ Excellent Solderability
- ▶ Excellent Vibration Resistance & Shock Resistance
- ▶ High Frequency Stability
- ▶ Excellent Thermal Hysteresis
- ▶ RoHS Compliant
- ▶ IATF-16949 Certified
- ▶ AEC-Q200 Qualified

Specification

MODEL

DIMENSION

(mm)

1.60 X 1.20

FREQUENCY

FREQUENCY RANGE (Fundamental)

MHz

24.000 ~ 96.000

FREQUENCY TOLERANCE (25°C)

ppm

± 10 ~ ± 100

FREQUENCY STABILITY (Ref to 25°C)

ppm

± 20 ~ ± 100

± 50 ~ ± 100

ENVIRONMENTAL CONDITION

OPERATING TEMPERATURE RANGE

°C

- 40 ~ + 85 Or - 40 ~ + 125

- 55 ~ + 125

STORAGE TEMPERATURE RANGE

°C

- 55 ~ + 150

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

2.0 Max.

*Specification subject to change without notice.

Equivalent Series Resistance (Ω)

Frequency Range	Mode of Operation	ESR
24.000 ~ 29.999	Fundamental	150 Ω Max.
30.000 ~ 31.999	Fundamental	100 Ω Max.
32.000 ~ 39.999	Fundamental	80 Ω Max.
40.000 ~ 96.000	Fundamental	60 Ω Max.

Dimension(mm)

