

CRYSTAL UNITS

CYLINDER TUNING FORK CRYSTAL

ACTUAL SIZE: 

D26N SERIES



APPLICATIONS

- ▶ Real Time Clock
- ▶ Consumer Electronics
- ▶ Ideal For Low Cost SMD Applications

FEATURES

- ▶ Designed For Time Of Day Clocks Applications
- ▶ Small Compact Size With Performacne And Economy
- ▶ Excellent Shock And Environmental Characteristics

Specification

MODEL

FREQUENCY

FREQUENCY RANGE	KHz	32.768
FREQUENCY TOLERANCE (25°C)	ppm	± 10 ~ ± 20
PARABOLIC CURVATURE CONSTANT*	ppm / °C ²	-0.034 Typ.

ENVIRONMENTAL CONDITION

OPERATING TEMPERATURE RANGE	°C	- 20 ~ + 70 Or - 40 ~ + 85
STORAGE TEMPERATURE RANGE	°C	- 40 ~ + 85
AGING / YEAR	ppm	± 5

ELECTRICAL SPECIFICATIONS

TEST CIRCUIT		S&A 250B With π Fixture
LOAD CAPACITANCE	pF	6pF to 12.5pF
DRIVE LEVEL	uW	1.0 Max.
EQUIVALENT SERIES RESISTANCE	Ω	40K Max.
SHUNT CAPACITANCE	pF	1.40 Typ.
MOTIONAL CAPACITANCE	fF	2.8 Typ.
INSULATION RESISTANCE	Ω	500M Min.

*Frequency stability is given as $\Delta F/F_0 = K(T-T_0)^2$, where K is parabolic curvature constant.

**Specification subject to change without notice.

Dimension(mm)

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