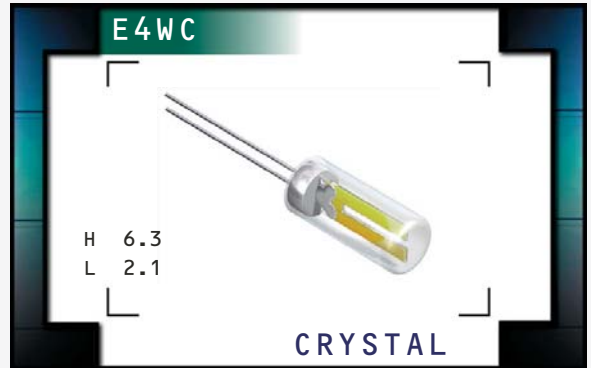


E4WC Series



ECLIPTEK[®]
CORPORATION

- RoHS Compliant (Pb-Free)
- 32.768kHz watch crystal
- Miniature cylindrical package
- ±20ppm frequency tolerance
- 6.0pF or 12.5pF Parallel Resonant load capacitance available



NOTES

ELECTRICAL SPECIFICATIONS

Frequency	32.768kHz
Frequency Tolerance (at 25°C)	±20ppm
Frequency Stability	-0.042ppm / (Δ°C) ² Maximum, Parabolic; Turn Over Temperature at 25°C ±5°C
Operating Temperature Range	-10°C to +60°C
Aging (at 25°C)	±5ppm / year Maximum
Storage Temperature Range	-20°C to +70°C
Shunt Capacitance	0.85pF Typical, 2pF Maximum
Motional Capacitance	2.0fF Typical
Drive Level	1 μWatt Maximum
Equivalent Series Resistance	50,000 Ohms Maximum
Insulation Resistance	100 Megaohms Minimum at 100V _{DC}
Load Capacitance (C _L)	6.0pF Parallel Resonant or 12.5pF Parallel Resonant

MANUFACTURER
ECLIPTEK CORP.

CATEGORY
CRYSTAL

SERIES
E4WC

PACKAGE
CYLINDRICAL

CLASS
CR50

REV. DATE
07/06

