

Marketing Bulletin

DATE: May 1st, 2008
TO: All Sales Personnel
FROM: Isaac Gonzalez
RE: Product Termination

To all concerned parties,

This bulletin is to notify all customers of the discontinuation of the following Ecliptek series effective May 1st, 2008:

Series	Description	Recommended Replacement
EC38T	3mm x 8mm Miniature Cylindrical Watch Crystal	E3WC Series

In compliance with our End of Life (EOL) policy, this will serve as advanced notice of product termination. New orders will not be accepted after September 1st, 2009, with delivery to conclude by December 31st, 2009.

If there are any questions pertaining to this bulletin, please feel free to contact me. Thank you again for your cooperation.

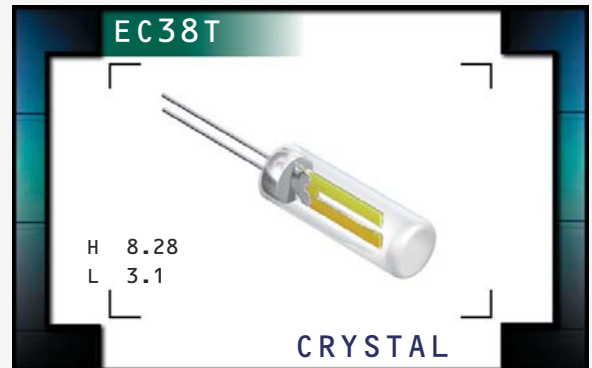
Best Regards,



Isaac Gonzalez
Configuration Manager
Ecliptek Corporation

EC38T Series

- 32.768kHz watch crystal
- Miniature cylindrical package
- ± 20 ppm frequency tolerance
- 12.5pF load capacitance



NOTES

OBSOLETE

ELECTRICAL SPECIFICATIONS

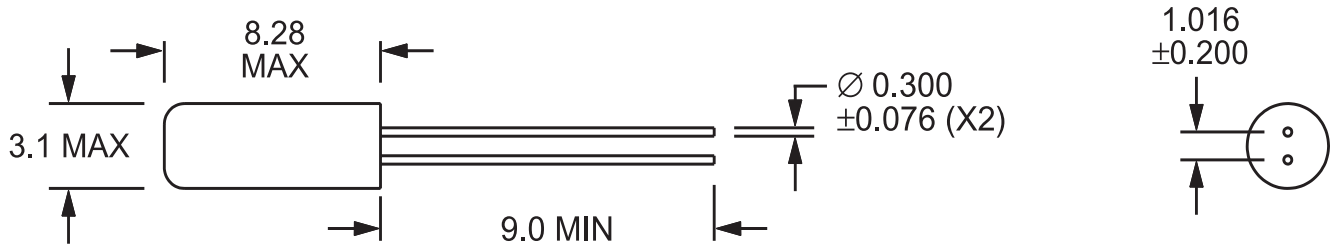
Frequency	32.768kHz
Frequency Tolerance (at 25°C)	± 20 ppm
Frequency Stability	-0.042ppm / $(\Delta^\circ\text{C})^2$ Maximum, Parabolic; Turn Over Temperature at 25°C $\pm 5^\circ\text{C}$
Operating Temperature Range	-10°C to 60°C
Aging (at 25°C)	± 3 ppm / year Maximum
Storage Temperature Range	-20°C to 70°C
Shunt Capacitance	0.85pF Typical, 2pF Maximum
Motional Capacitance	2.0fF Typical
Drive Level	1 μ Watt Maximum
Equivalent Series Resistance	35,000 Ohms Maximum
Insulation Resistance	500 Megaohms Minimum at 100V _{DC}
Load Capacitance (C _L)	12.5pF

PART NUMBERING GUIDE
EC38T

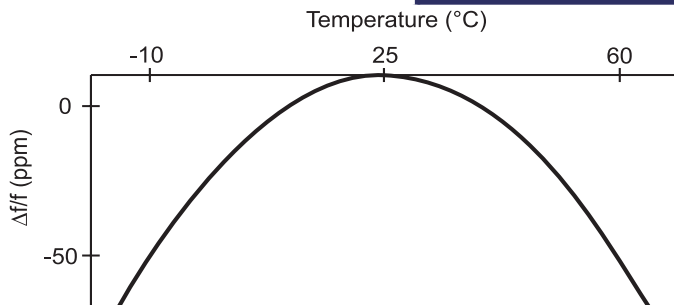
NOTES

OBSOLETE

MECHANICAL DIMENSIONS
ALL DIMENSIONS IN MILLIMETERS



PARABOLIC TEMPERATURE CURVE



MARKING SPECIFICATIONS

Line 1: XX.XXX
32.768 or Blank (No Marking)

MANUFACTURER
ECLIPTEK CORP.

CATEGORY
CRYSTAL

SERIES
EC38T

PACKAGE
CYLINDRICAL

CLASS
CR07

REV. DATE
08/05