

### **Marketing Bulletin**

**DATE:** January 1<sup>st</sup>, 2006

TO: All Sales Personnel

FROM: Mark Stoner

**RE:** Product Termination

To all concerned parties,

This bulletin is to notify all customers of the discontinuation of the following Ecliptek series effective January 1<sup>st</sup>, 2006:

Series Description Recommended Replacement

E2WS SMD Watch Crystal E1WS, E5WS, E6WS

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 February 1<sup>st</sup>, 2006, with delivery to conclude by May 1<sup>st</sup> 2006.

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

Best Regards,

Mark W. Stoner Director of Marketing

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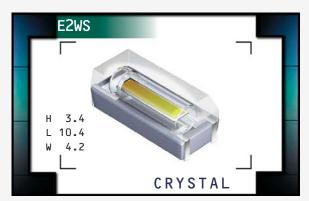
**Ecliptek Corporation** 

## **E2WS Series**

- RoHS Compliant
- 32.768kHz watch crystal

- 6.0pF or 12.5pF load capacitance available
- Tape and reel available

• Miniature four pad surface mount package • ±20ppm frequency tolerance



NOTES

# OBSOLETE

#### **ELECTRICAL SPECIFICATIONS**

ECLIPTEK CORP.

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			-40°C to 85°C		
Aging (at 25°C)			±3ppm/year Maximum		
Storage Temperature Range			-55°C to 125°C		
Shunt Capacitance			0.85pF Typical, 2pF Maximum		
Motional Capacitance			2.0fF Typical		
Equivalent Series Resistance			60,000 Ohms Maximum		
Insulation Resistance			500 Megaohms Minimum at 100V <sub>DC</sub>		
Drive Level			1 μWatt Maximum		
Load Capacitance (C <sub>L</sub> )			12.5pF or 6pF		
MANUFACTURER	CATEGORY	SERIES	PACKAGE	CLASS	REV . DATE

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09/05

CRYSTAL

PLASTIC

#### PART NUMBERING GUIDE

E2WSDC <u>12</u> - 32.768K <u>TR</u>

**LOAD CAPACITANCE** 

06=6pF 12=12.5pF **PACKAGE OPTIONS** 

Blank=Bulk, TR=Tape and Reel

NOTES

## OBSOLETE

