

### **Marketing Bulletin**

**DATE:** July 28<sup>th</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 July 28<sup>th</sup>, 2006:

SeriesDescriptionRecommended ReplacementECPSM29TSMD Watch CrystalE1WS

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 April 30<sup>th</sup>, 2007, with delivery to conclude by July 31<sup>st</sup> 2007.

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

Vice President of Marketing

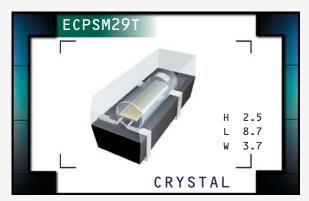
Mark W Somer

**Ecliptek Corporation** 

## **ECPSM29T Series**

- 32.768kHz watch crystal
- Miniature four pad surface mount package
- ±20ppm frequency tolerance
- 12.5pF load capacitance
- Tape and reel available





NOTES

# OBSOLETE

#### **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)			±3ppm / year Maximum		
Storage Temperature Range			-40°C to 85°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		
MANUFACTURER ECLIPTEK CORP.	CATEGORY CRYSTAL	SERIES ECPSM29T	PACKAGE PLASTIC	CLASS CR14	REV = DATE 05/05

#### PART NUMBERING GUIDE

#### ECPSM29T - 32.768KTR

**PACKAGE OPTIONS** 

Blank=Bulk, TR=Tape and Reel

NOTES

## OBSOLETE

