

Marketing Bulletin

DATE: May 6, 2005

TO: All Sales Personnel

FROM: Mark Stoner

RE: E11 (OS/03) Termination

To all concerned parties,

This bulletin is to notify all customers of the discontinuation of the following Ecliptek series effective May 1st, 2005:

Series Description Recommended Replacement

E11 5V 14 pin DIP ECL Oscillator None

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 August 1st, 2005, with delivery to conclude by November 1st 2005.

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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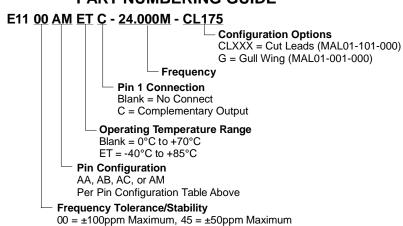
Ecliptek Corporation

STANDARD SPECIFICATIONS				
Frequency Range:	6.000MHz to 155.520MHz			
Frequency Tolerance/Stability:	(All Values Inclusive of Operating Temp. Range, Supply Voltage, and Load)			
00	±100ppm Max.			
45	±50ppm Max.			
25	±25ppm Max. (0°C to +70°C only), (less than or equal to 125.000MHz only)			
Operating Temperature Range				
Blank	0°C to +70°C			
ET	-40°C to +85°C			
Storage Temperature Range	-55°C to +125°C	ODSOLLIL		
Supply Voltage (VEE)	-5.2Vdc ±5% (AA, AB, and AM); +5.2Vdc ±5% (AC)	_		
Input Current	140mA Maximum			
Output Voltage Logic High	-1.0Vdc Min./-0.7Vdc Max. (AA, AB, and AM); 4.0Vdc Min./4.5Vdc Max. (AC)			
Output Voltage Logic Low	-1.95Vdc Min./-1.60Vdc Max. (AA, AB, and AM); 3.00Vdc Min./3.42Vdc Max. (AC)			
Rise/Fall Time	2nSec Maximum (Measured at 20% to 80% of waveform)			
Duty Cycle	50% ±10% (Measured at 50% of waveform)			
Load Drive Capability	50 Ohms into -2.0Vdc (AA, AB, and AM); 50 Ohms into +3.0Vdc (AC)			
Aging @ 25°C	±5ppm/year Maximum			

ENVIRONMENTAL & MECHANICAL					
Fine Leak Test:	MIL-STD-883, Method 1014, Condition A	Solderability:	MIL-STD-883, Method 2002		
Gross Leak Test:	MIL-STD-883, Method 1014, Condition C	Temperature Cycling:	MIL-STD-883, Method 1010		
Mechanical Shock:	MIL-STD-202, Method 213, Condition C	Resistance to Soldering Heat:	MIL-STD-202, Method 210		
Vibration:	MIL-STD-883, Method 2007, Condition A	Resistance to Solvents:	MIL-STD-202, Method 215		
Lead Integrity:	MIL-STD-883, Method 2004				

	PIN CONFIGURATIONS					
PIN	AA	AB	AC	AM		
1	Ground/Case	No Connect or Complementary Output	No Connect or Complementary Output	No Connect or Complementary Output		
7	-5.2V	-5.2V	Ground/Case	Ground/Case		
8	Output	Output	Output	Output		
14	Ground	Ground/Case	+5.2Vdc	-5.2Vdc		

PART NUMBERING GUIDE



MARKING GUIDE

(Line #1) **ECLIPTEK**

(Line #2) E11 AM C

-Pin 1 ConnectionBlank = No ConnectC = Complementary Output

- Pin Configuration Per Pin Configuration Table Above

ECLIPTEK

E11AMC XXX.XXXM

XXYZZ

(Line #3) XXX.XXXM

Frequency

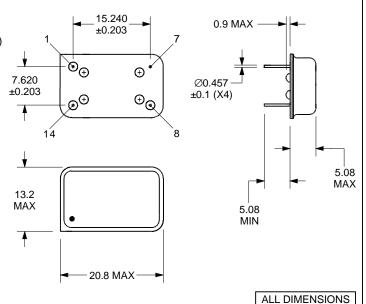
 $25 = \pm 25$ ppm Maximum

(Line #4) XX Y ZZ

Week of Year
Last Digit of Year

Ecliptek Manufacturing Code (TEN02-001-000)

NOTE: Pin 1 shall be marked with a black dot. Marking shall conform to conditions listed in TQC41-001-000.



SPECIFICATION CONTROL DRAWING

IN MILLIMETERS

ECLIPTEK® CORPORATION	Drawing Number CSC01-010-000	
Title		
FULL SIZE ECL OSCILLATOR		
Revision	Effectivity Date	
E	08-27-03	
ECN Number 8675	PAGE 1 OF 2	
Approved By Date	Released By Date	