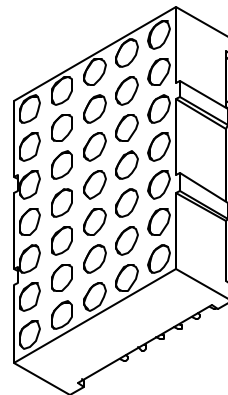
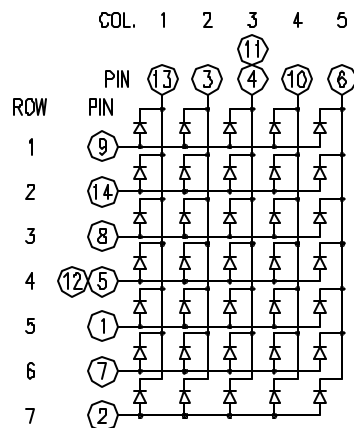
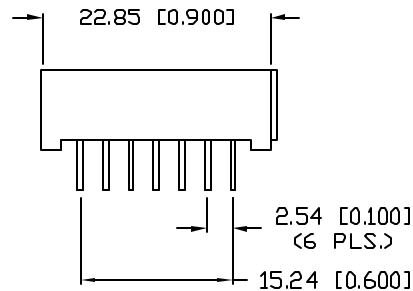
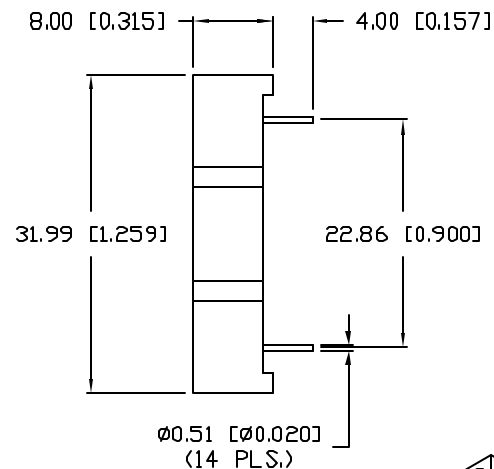
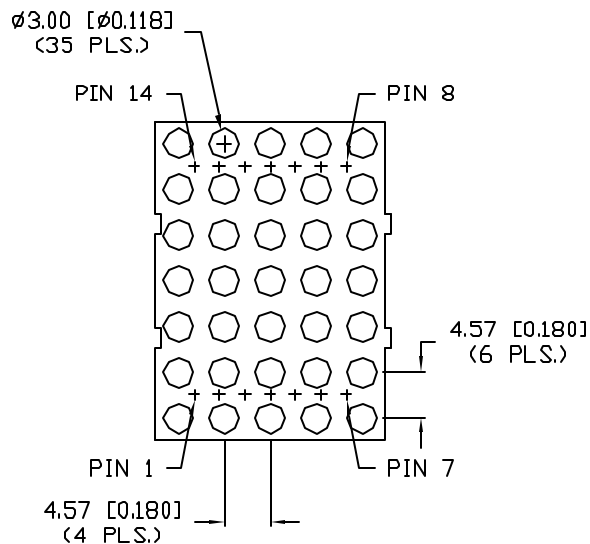


UNCONTROLLED DOCUMENT

PART NUMBER  
LDM-12257NIREV.  
C

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE     |
|------|-------------------------------------|----------|
| A    | E.C.N. #10BRDR.                     | 7.15.99  |
| B    | E.C.N. #10BRDR. & REDRAWN IN 3D.    | 8.7.03   |
| C    | E.C.N. #11148.                      | 03.21.07 |

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $I_f=10\text{mA}$ 

| PARAMETER       | MIN                  | TYP  | MAX | UNITS          | TEST COND            |
|-----------------|----------------------|------|-----|----------------|----------------------|
| PEAK WAVELENGTH |                      | 565  |     | nm             |                      |
| FORWARD VOLTAGE |                      | 2.2  | 2.6 | $V_f$          |                      |
| REVERSE VOLTAGE | 5.0                  |      |     | $V_r$          | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY |                      | 2500 |     | $\mu\text{cd}$ | $I_f=10\text{mA}$    |
| EMITTED COLOR:  | GREEN                |      |     |                |                      |
| FACE COLOR:     | GRAY                 |      |     |                |                      |
| SEGMENT COLOR:  | MILKY WHITE DIFFUSED |      |     |                |                      |

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER DOT

| PARAMETER                      | MAX        | UNITS                |
|--------------------------------|------------|----------------------|
| PEAK FORWARD CURRENT*          | 150        | mA                   |
| STEADY CURRENT                 | 25         | mA                   |
| POWER DISSIPATION              | 105        | mW                   |
| DERATE FROM $25^\circ\text{C}$ | -1.2       | mW/ $^\circ\text{C}$ |
| OPERATING, STORAGE TEMP.       | -25 TO +85 | $^\circ\text{C}$     |
| SOLDERING TEMP.                | +260       | $^\circ\text{C}$     |
| 2.0mm FROM BODY                |            | 3 SEC. MAX           |

\*  $t < 10\mu\text{s}$ 

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=+0.00 DECIMAL PRECISION MAX=-0.00 DECIMAL PRECISION

REV.  
CPART NUMBER  
LDM-12257NI

CONFIDENTIAL INFORMATION  
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

RELIABILITY NOTE  
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
US WEB: www.lumex.com  
TW WEB: www.lumex.com.tw



1.2" DOT MATRIX, LED DISPLAY, COLUMN CATHODE,  
565nm GREEN CHIPS, GRAY FACE WITH WHITE DOTS,

DRAWN BY:

JC

CHECKED BY:

APPROVED BY:

DATE: 6.14.95

PAGE: 1 OF 1

SCALE: N/A

# AMEYA360

## Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email [amall@ameya360.com](mailto:amall@ameya360.com)

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email [service@ameya360.com](mailto:service@ameya360.com)

➤ Partnership :

Tel +86 (21) 64016692-8333

Email [mkt@ameya360.com](mailto:mkt@ameya360.com)