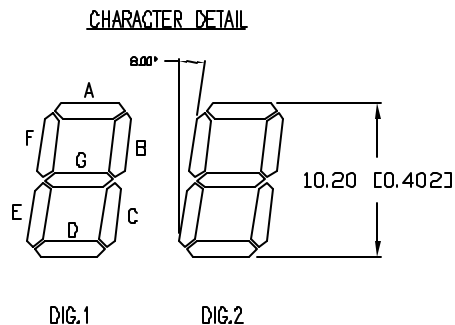
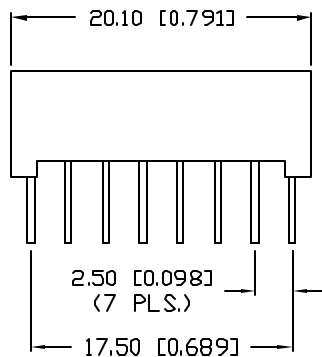
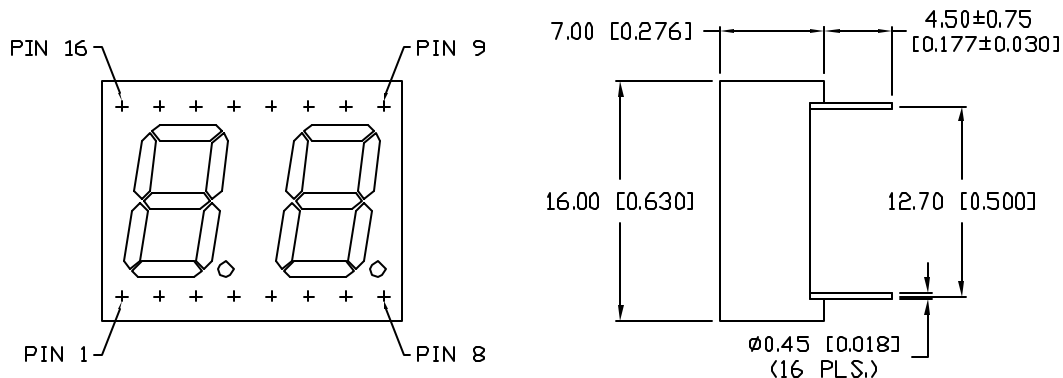


UNCONTROLLED DOCUMENT



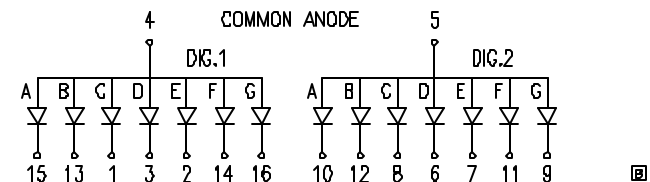
|             |                                     |         |
|-------------|-------------------------------------|---------|
| PART NUMBER |                                     | REV.    |
| LDD-A402NI  |                                     | B       |
| REV.        | E.C.N. NUMBER AND REVISION COMMENTS | DATE    |
| A           | E.C.N. #10BRDR. & REDRAWN.          | 2-12-99 |
| B           | E.C.N. #11148.                      | 4.25.07 |

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

| PARAMETER       | MIN                  | TYP         | MAX | UNITS          | TEST COND            |
|-----------------|----------------------|-------------|-----|----------------|----------------------|
| PEAK WAVELENGTH |                      | 565 (GREEN) |     | nm             |                      |
| FORWARD VOLTAGE |                      | 2.2         | 2.6 | V <sub>f</sub> |                      |
| REVERSE VOLTAGE | 5.0                  |             |     | V <sub>r</sub> | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY |                      | 3900        |     | $\mu\text{cd}$ | $I_f=10\text{mA}$    |
| EMITTED COLOR:  | GREEN                |             |     |                |                      |
| FACE COLOR:     | GRAY                 |             |     |                |                      |
| SEGMENT COLOR:  | MILKY WHITE DIFFUSED |             |     |                |                      |

## LIMITS OF SAFE OPERATION AT 25°C PER CHIP

| PARAMETER                | MAX        | UNITS |
|--------------------------|------------|-------|
| PEAK FORWARD CURRENT*    | 150        | mA    |
| STEADY CURRENT           | 25         | mA    |
| POWER DISSIPATION        | 105        | mW    |
| DERATE FROM 25°C         | -1.2       | mW/°C |
| OPERATING, STORAGE TEMP. | -40 TO +85 | °C    |
| SOLDERING TEMP.          | +260       | °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.

B

PART NUMBER

LDD-A402NI

## CONFIDENTIAL INFORMATION

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## 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.



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0.40" SEVEN SEGMENT, DUAL DIGIT DISPLAY,  
565 GREEN CHIPS, GRACE FACE WITH WHITE SEGMENTS,  
COMMON ANODE, NO CHIPS IN DECIMALS.

DRAWN BY:

JC

CHECKED BY:

APPROVED BY:

DATE: 1.16.97

PAGE: 1 OF 1

SCALE: N/A