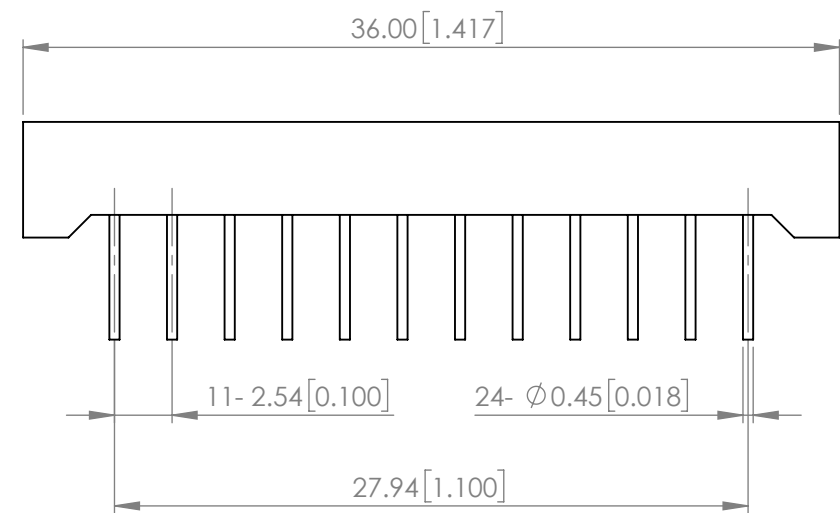
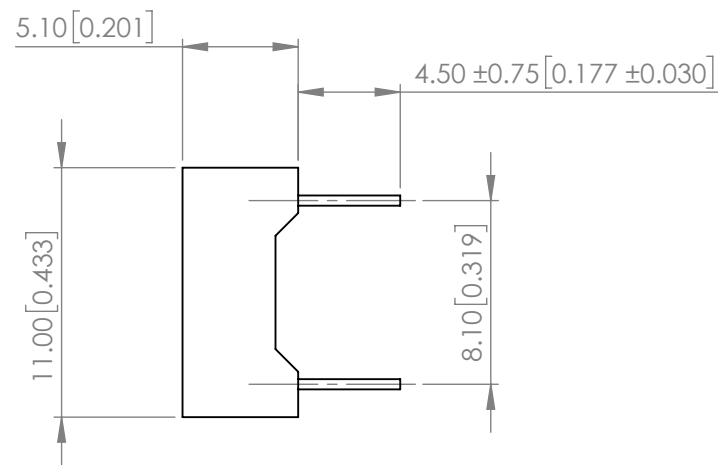
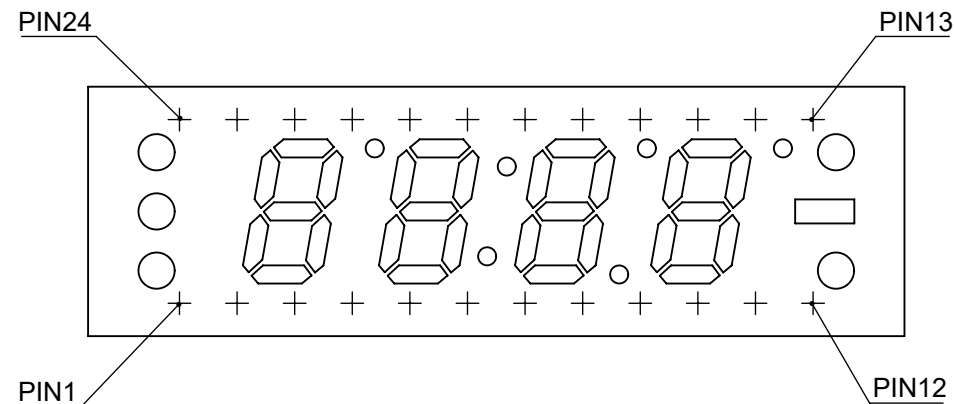
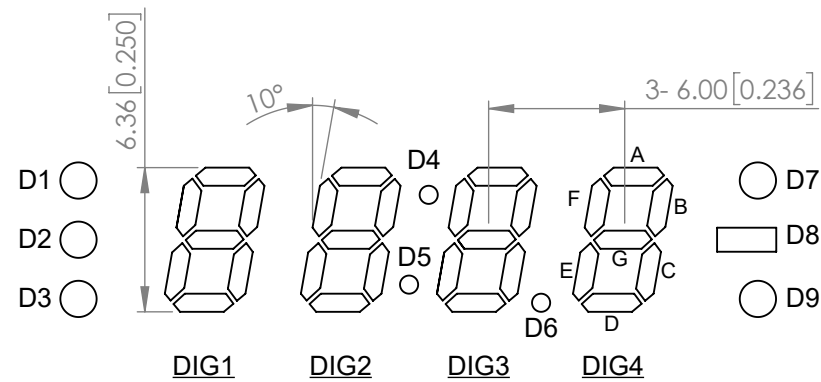


| PART NUMBER |                                     | LDC-N2502RI | REV      | B |
|-------------|-------------------------------------|-------------|----------|---|
| REV         | E.C.N. NUMBER AND REVISION COMMENTS |             | DATE     |   |
| A           | E.C.N. #11148.                      |             | 04.24.07 |   |
| B           | ECN-Lumex201900108                  |             | 08.06.19 |   |



#### DIGIT DETAIL



#### ELECTRO-OPTICAL CHARACTERISTIC TA=25°C PER SEGMENT

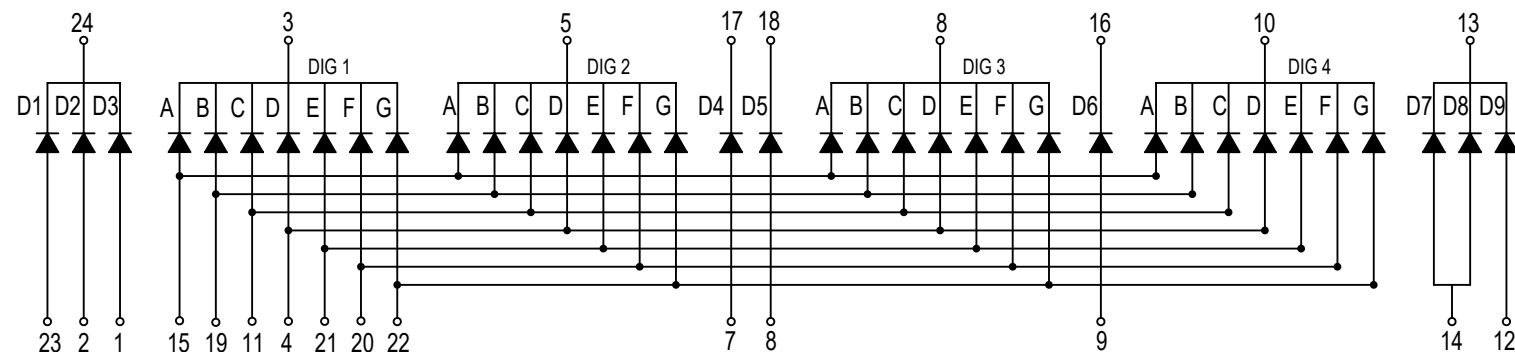
| PARAMETER          | MIN                  | TYP  | MAX | UNITS | TEST COND |
|--------------------|----------------------|------|-----|-------|-----------|
| PEAK WAVELENGTH    | -                    | 570  | -   | nm    | If=10mA   |
| FORWARD VOLTAGE    | -                    | 2.25 | 2.6 | Vf    | If=10mA   |
| REVERSE CURRENT    | -                    | -    | 100 | uA    | VR=5V     |
| LUMINOUS INTENSITY | -                    | 3000 | -   | ucd   | If=10mA   |
| EMITTED COLOR      | YELLOW GREEN         |      |     |       |           |
| FONT COLOR         | GRAY                 |      |     |       |           |
| SEGMENT COLOR      | MILKY WHITE DIFFUSED |      |     |       |           |

#### ABSOLUTE MAXIMUM RATINGS TA=25°C PER SEGMENT

| PARAMETER             | MAX        | UNITS |
|-----------------------|------------|-------|
| PEAK FORWARD CURRENT* | 100        | mA    |
| FORWARD CURRENT       | 25         | mA    |
| POWER DISSIPATION     | 65         | mW    |
| REVERSE VOLTAGE       | 5          | V     |
| STORAGE TEMPERATURE   | -35 TO +85 | °C    |
| OPERATING TEMPERATURE | -35 TO +85 | °C    |

\* t<10us

#### CIRCUIT DIAGRAM



\*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= <sup>+DECIMAL PRECISION</sup>/<sub>-0.00</sub> MAX= <sup>+0.00</sup>/<sub>-DECIMAL PRECISION</sub>



425 N. GARY AVE.  
CAROL STREAM, IL 60188  
PHONE : 800-278-5666  
FAX : 630-315-2150  
WEB : WWW.LUMEX.COM

0.25" QUAD DIGIT, SEVEN SEGMENT, CLOCK DISPLAY, 570nm YELLOW GREEN, MULTIPLEXED, COMMON CATHODE, GRAY FONT AND WHITE SEGMENTS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.\*\*

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.

DATE : 2019.08.06

DRAWN BY : C.S.

PAGE : 1 OF 1

CHKD BY : E.C.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Lumex:](#)

[LDC-N2502RI](#)