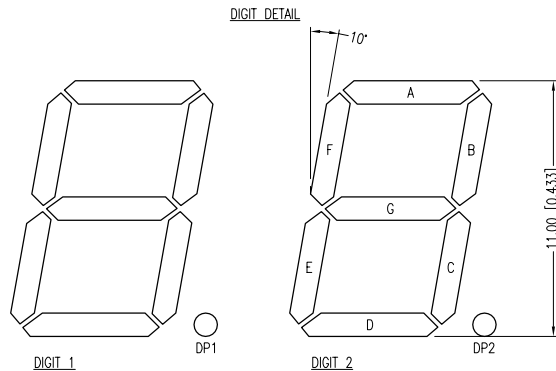
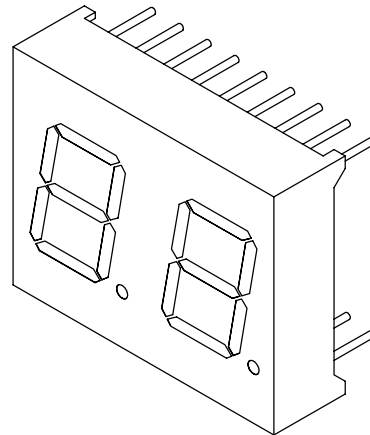
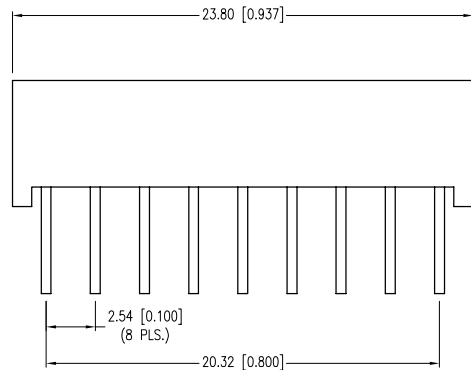
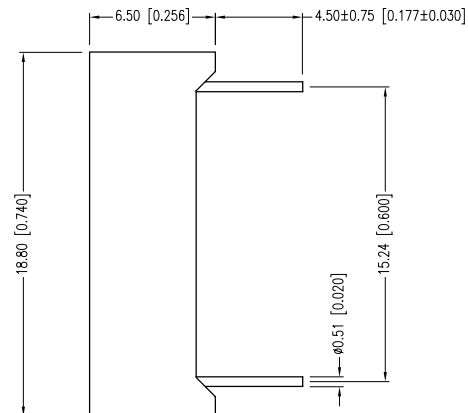
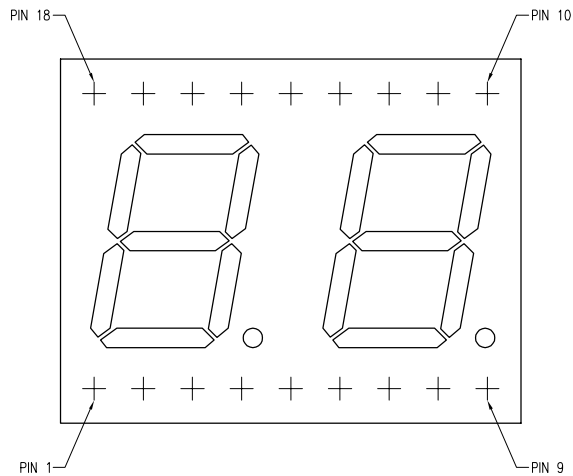




|             |                                     |      |      |
|-------------|-------------------------------------|------|------|
| PART NUMBER | LDD-C4304RE                         | REV. | A    |
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 07.01.11    | E.C.N. #10BRDR. & REDRAWN.          |      | A    |

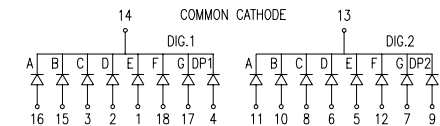
## ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA

| PARAMETER          | MIN   | TYP  | MAX | UNITS | UNITS    |
|--------------------|-------|------|-----|-------|----------|
| PEAK WAVELENGTH    |       | 635  |     | nm    |          |
| FORWARD VOLTAGE    |       | 2.0  | 2.5 | Vf    |          |
| REVERSE VOLTAGE    | 5.0   |      |     | Vr    | Ir=100μA |
| AXIAL INTENSITY    |       | 3900 |     | μcd   | If=10mA  |
| EMITTED COLOR:     | RED   |      |     |       |          |
| FACE COLOR:        | BLACK |      |     |       |          |
| EPOXY LENS FINISH: | RED   |      |     |       |          |

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

| PARAMETER             | MAX        | UNITS     |
|-----------------------|------------|-----------|
| PEAK FORWARD CURRENT* | 150        | mA        |
| STEADY CURRENT        | 30         | mA        |
| POWER DISSIPATION     | 105        | mW        |
| DERATE FROM 25°C      | -1.2       | mW/°C     |
| OPERATING TEMP.       | -40 TO +85 | °C        |
| STORAGE TEMP.         | -40 TO +85 | °C        |
| SOLDERING TEMP.       | +260       | °C        |
| 2.0mm FROM BODY       | 3          | SEC. MAX. |

\* t&lt;10μS



\*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>

UNCONTROLLED DOCUMENT



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0.43" 7 SGMT, 2 DIGIT DISPLAY, 635nm RED, BLACK FACE W/RED SGMTS, CC, RIGHT DECIMAL PLACES.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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|        |           |           |    |
|--------|-----------|-----------|----|
| DATE:  | 07.01.11  | DRAWN BY: | AB |
| PAGE:  | 1 OF 1    | CHKD BY:  | SS |
| SCALE: | NTS       | APRVD BY: | JD |
| UNIT:  | mm [INCH] |           | Ⓟ  |