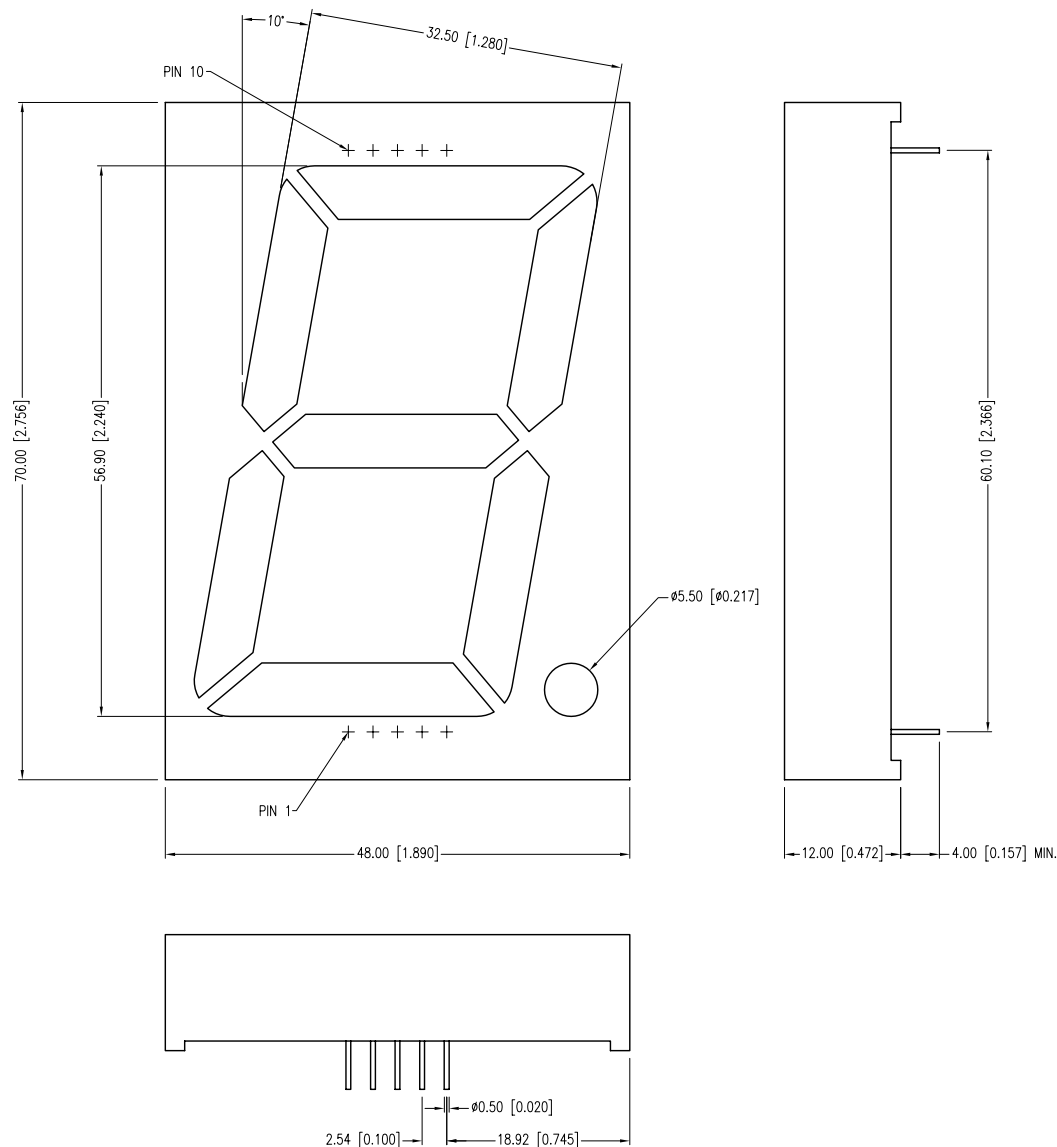


|             |                                     |      |      |
|-------------|-------------------------------------|------|------|
| PART NUMBER | LDS-CD14RI                          | REV. | A    |
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 11.15.11    | E.C.N. #10BRDR. & REDRAWN.          |      | A    |

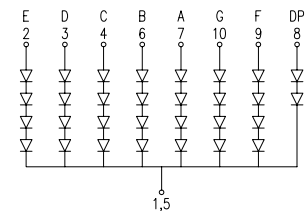
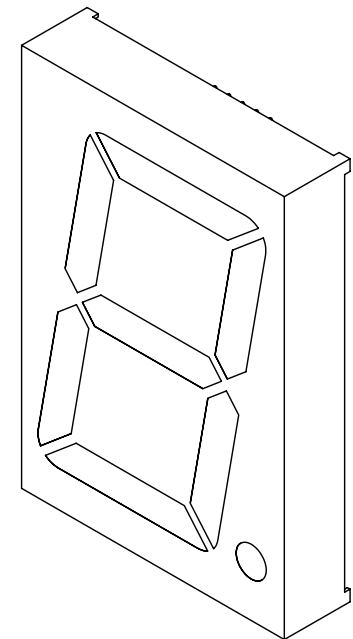


| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA |                      |         |     |       |           |
|-------------------------------------------------|----------------------|---------|-----|-------|-----------|
| PARAMETER                                       | MIN                  | TYP     | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH                                 |                      | 635     |     | nm    |           |
| FORWARD VOLTAGE (SEG/DP)                        |                      | 8.0/4.0 |     | Vf    |           |
| REVERSE VOLTAGE                                 | 5.0                  |         |     | Vr    | Ir=100μA  |
| AXIAL INTENSITY                                 |                      | 9000    |     | ucd   | If=10mA   |
| EMITTED COLOR:                                  | RED                  |         |     |       |           |
| FACE COLOR:                                     | GRAY                 |         |     |       |           |
| EPOXY LENS FINISH:                              | MILKY WHITE DIFFUSED |         |     |       |           |

## 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    |

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

UNCONTROLLED DOCUMENT



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2.3" RED SEVEN SEGMENT DISPLAY.

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

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|        |           |           |    |
|--------|-----------|-----------|----|
| DATE:  | 11.15.11  | DRAWN BY: | AB |
| PAGE:  | 1 OF 1    | CHKD BY:  | SS |
| SCALE: | NTS       | APRVD BY: | KF |
| UNIT:  | mm [INCH] |           | Ⓟ  |

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