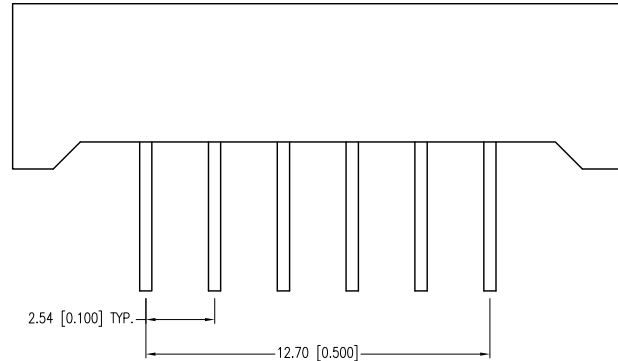
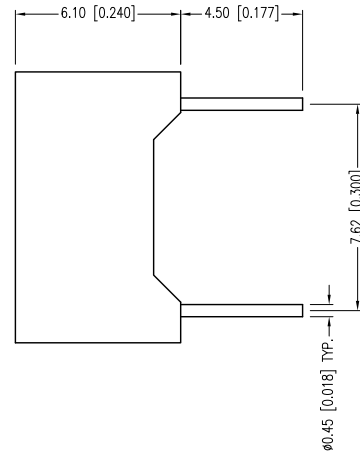
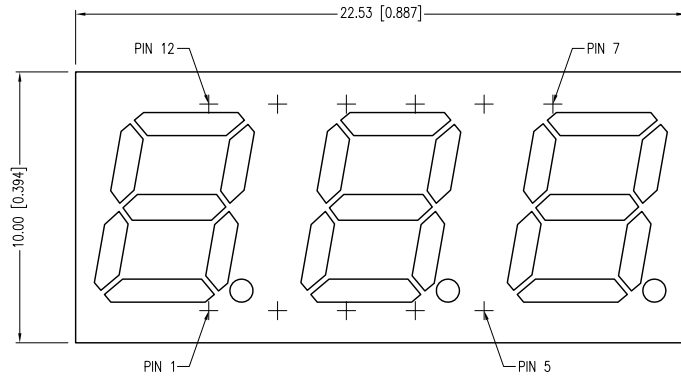
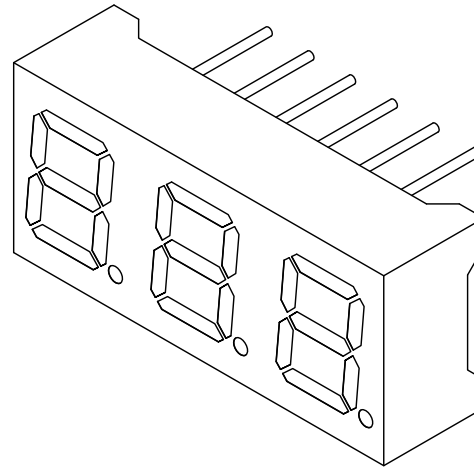
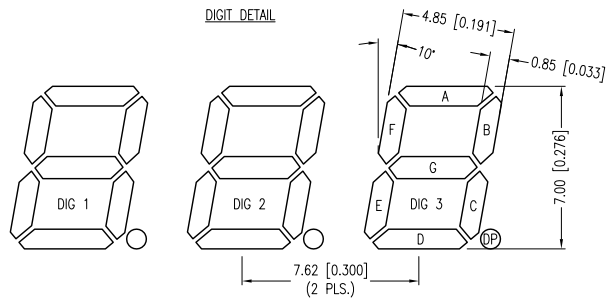


|             |                                     |      |      |
|-------------|-------------------------------------|------|------|
| PART NUMBER | LDT-N2803RI                         | REV. | A    |
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 07.26.12    | E.C.N. #10BRDR. & REDRAWN.          |      | A    |



DIGIT DETAIL



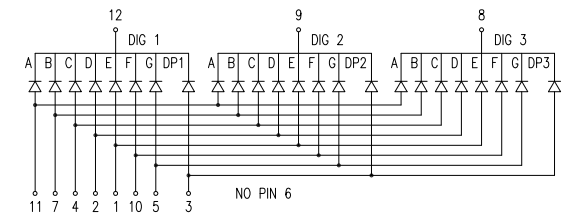
| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA |                      |      |     |       |           |
|-------------------------------------------------|----------------------|------|-----|-------|-----------|
| PARAMETER                                       | MIN                  | TYP  | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH                                 |                      | 585  |     | nm    |           |
| FORWARD VOLTAGE                                 |                      | 2.1  | 2.5 | Vf    |           |
| REVERSE VOLTAGE                                 | 5.0                  |      |     | Vr    | Ir=100μA  |
| AXIAL INTENSITY                                 |                      | 2500 |     | μcd   | If=10mA   |
| EMITTED COLOR:                                  | YELLOW               |      |     |       |           |
| FACE COLOR:                                     | GRAY                 |      |     |       |           |
| 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.       | -30 TO +85 | °C    |
| STORAGE TEMP.         | -30 TO +85 | °C    |
| SOLDERING TEMP.       | +260       | °C    |
| 2.0mm FROM BODY       | 3          | SEC.  |

\* t&lt;10μs

COMMON CATHODE



UNCONTROLLED DOCUMENT

\*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.= +DECIMAL PRECISION MAX.= -DECIMAL PRECISION

QUASARBRITE 0.28" 3 DIGIT, 7 SGM T DISPLAY, 585nm YELLOW, COMMON CATHODE, MULTIPLEXED.

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

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