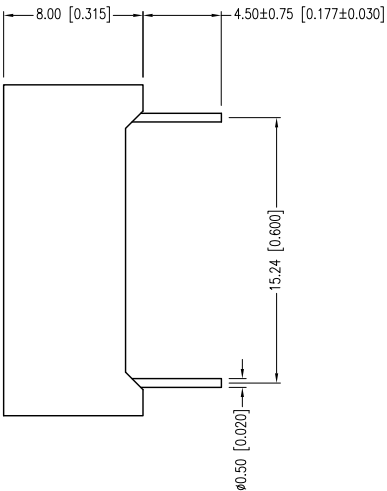
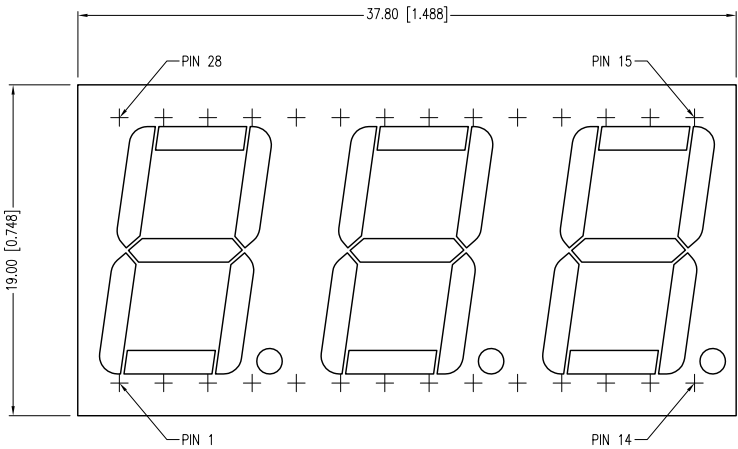
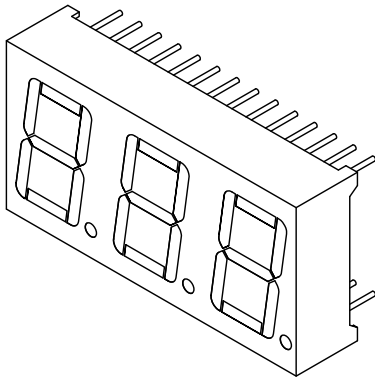
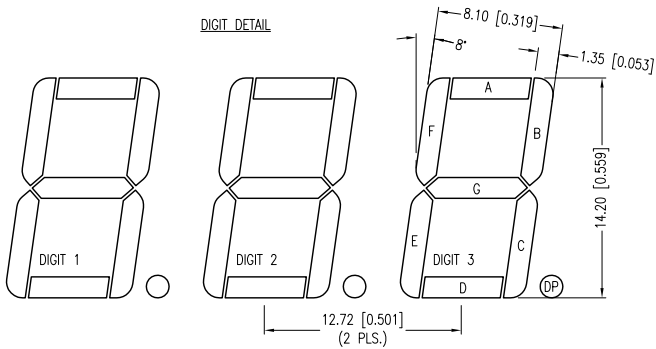


DIGIT DETAIL



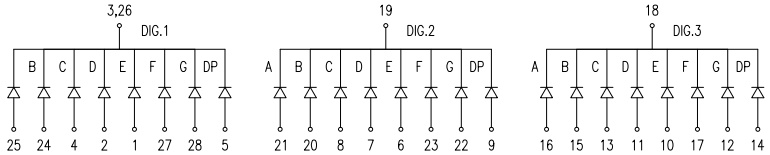
| PART NUMBER | LDT-C512RI                          | REV. | E    |
|-------------|-------------------------------------|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 02.28.96    | E.C.N. #10128.                      |      | A    |
| 05.10.96    | E.C.N. #10164.                      |      | B    |
| 04.22.98    | REDRAWN.                            |      | C    |
| 12.06.99    | E.C.N. #10BRDR.                     |      | D    |
| 08.23.12    | E.C.N. #10BRDR. & REDRAWN.          |      | E    |

| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA |                      |      |     |       |           |
|-------------------------------------------------|----------------------|------|-----|-------|-----------|
| PARAMETER                                       | MIN                  | TYP  | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH                                 |                      | 565  |     | nm    |           |
| FORWARD VOLTAGE                                 |                      | 2.2  | 2.6 | Vf    |           |
| REVERSE VOLTAGE                                 | 5.0                  |      |     | Vr    | Ir=100µA  |
| AXIAL INTENSITY                                 |                      | 3500 |     | µcd   | If=10mA   |
| EMITTED COLOR:                                  | GREEN                |      |     |       |           |
| FACE COLOR:                                     | GRAY                 |      |     |       |           |
| LENS FINISH:                                    | MILKY WHITE DIFFUSED |      |     |       |           |

| LIMITS OF SAFE OPERATION AT 25°C |            |       |
|----------------------------------|------------|-------|
| 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 TEMP.                  | -40 TO +85 | °C    |
| STORAGE TEMP.                    | -40 TO +85 | °C    |
| SOLDERING TEMP.                  | +260       | °C    |
| 2.0mm FROM BODY                  | 3          | SEC.  |

\* t<10µS

COMMON CATHODE



\*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= +0.00 -DECIMAL PRECISION



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QUASARBRITE 0.56" 3 DIGIT 7 SGMT DISPLAY, 565nm GREEN, COMMON CATHODE.

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PAGE: 1 OF 1  
SCALE: NTS  
UNIT: mm [INCH]

DRAWN BY: AB  
CHKD BY: SS  
APRVD BY: SS  
Ⓢ