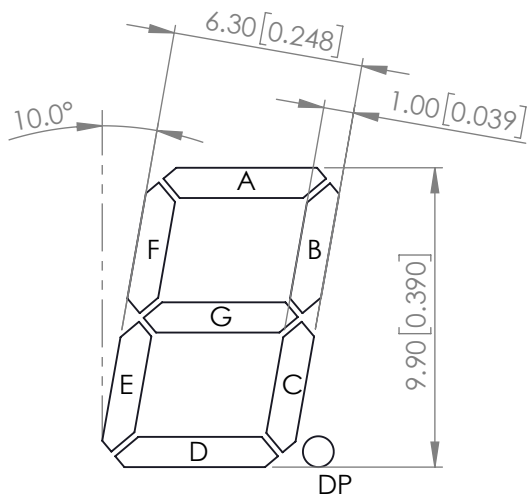
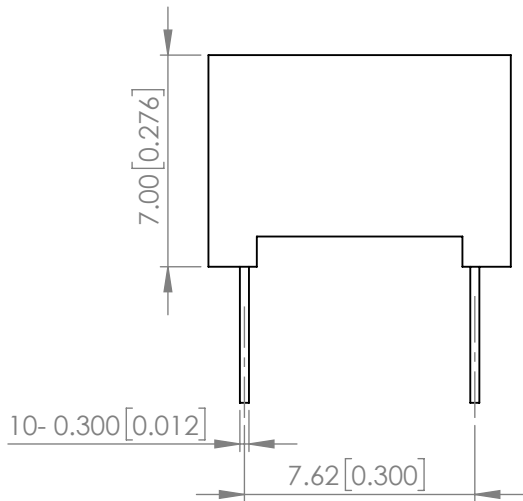
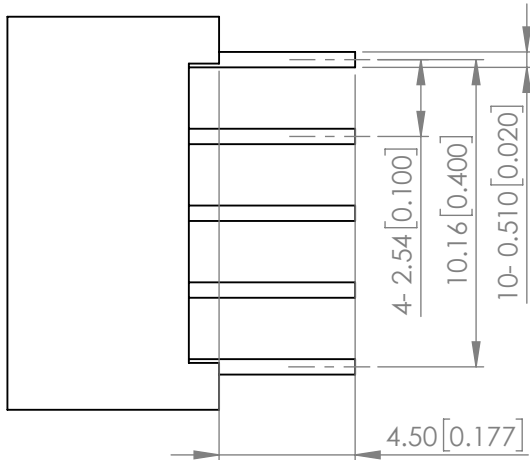
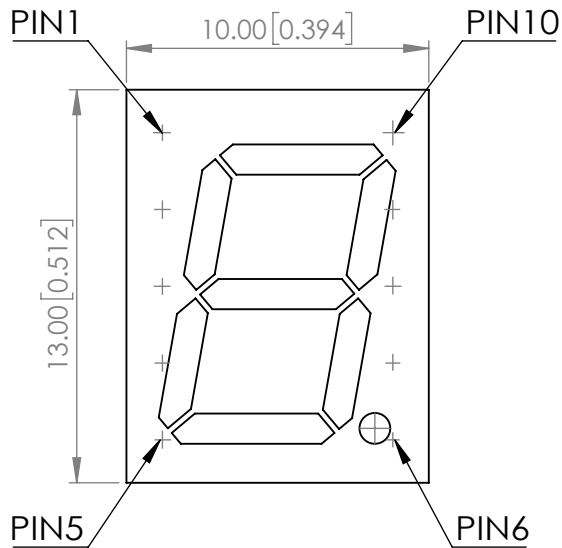
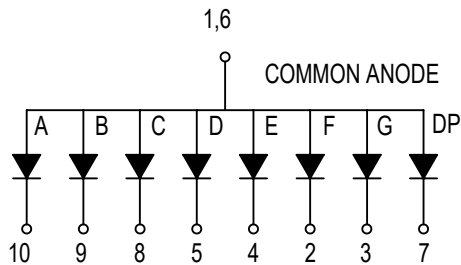


| PART NUMBER |                                     | LDS-A3912RI-SUG | REV      | C |
|-------------|-------------------------------------|-----------------|----------|---|
| REV         | E.C.N. NUMBER AND REVISION COMMENTS |                 | DATE     |   |
| A           | E.C.N#11557                         |                 | 02.05.09 |   |
| B           | ECN-Lumex202300126                  |                 | 12.12.23 |   |
| C           | ECN-Lumex202400003                  |                 | 01.22.24 |   |



CIRCUIT DIAGRAM



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C PER SEGMENT

| PARAMETER          | MIN                  | TYP  | MAX | UNITS | TEST COND |
|--------------------|----------------------|------|-----|-------|-----------|
| PEAK WAVELENGTH    | -                    | 568  | -   | nm    | If=20mA   |
| FORWARD VOLTAGE    | -                    | 2.0  | 2.6 | Vf    | If=20mA   |
| REVERSE CURRENT    | -                    | -    | 100 | uA    | VR=5V     |
| LUMINOUS INTENSITY | -                    | 7200 | -   | 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    |
| SOLDERING TEMPERATURE** | 3 SEC MAX. @ 260 | °C    |

\* 1/10 DUTY, 10KHz

\*\* AT 2mm DISTANCE FROM THE CASE OF REFLECTOR EDGE.

\*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 -0.00 MAX.= +0.00 -DECIMAL PRECISION



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0.39" SINGLE DIGIT, SEVEN SEGMENT LED DISPLAY, 568nm YELLOW GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON ANODE.

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

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DATE : 2023.12.12

DRAWN BY : E.C.

PAGE : 1 OF 1

CHKD BY : T.S.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

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