

## NOTES:

- 1. LED includes integrated diode for reverse voltage protection.
- 2. LED includes integrated resistor for current limiting.

## TYPICAL ELECTRICAL & OPTICAL OPERATING CHARACTERISTICS (Ta = 25 degree C)

| PART        | EMITTING | AMPERAGE      | VOLTAGE | LUMENS | COLOR<br>COORDINATES |  |  |
|-------------|----------|---------------|---------|--------|----------------------|--|--|
| NUMBER      | COLOR    | mA            | Vdc     |        |                      |  |  |
| LE-0603-04R | RED      | 13mA          | 24.0    | 2.00   | 630nm                |  |  |
| LE-0603-04Y | YELLOW   | 12mA 24.0 2.0 |         | 2.00   | 595nm                |  |  |
| LE-0603-04G | GREEN    | 6mA           | 24.0    | 9.00   | 525nm                |  |  |
| LE-0603-04B | BLUE     | 11mA          | 24.0    | 2.00   | 470nm                |  |  |
| LE-0603-04W | WHITE    | 9mA           | 24.0    | 10.00  | x = 0.29 $y = 0.28$  |  |  |

|    |                                                                          | METRIC DIMENSIONS ARE |                                |                                                      |         |                        |                  |           |         |         |        |       |
|----|--------------------------------------------------------------------------|-----------------------|--------------------------------|------------------------------------------------------|---------|------------------------|------------------|-----------|---------|---------|--------|-------|
|    | H CHANGE AMPERATE RATINGS 12/8/10                                        |                       | l 1                            | IN MILLIMETERS  TOLERANCE UNLESS OTHERWISE SPECIFIED |         |                        |                  | • COMPO   | NIENI   | CODI    | DODAT  | MOL   |
|    | G CHANGE DIA. TO 10.5 MAX.                                               |                       |                                |                                                      |         | COMPONENTS CORPORATION |                  |           |         |         |        |       |
|    | F CHANGE mA FROM 20 TO 12 10/29/0                                        |                       |                                |                                                      |         | TITLE                  |                  |           |         |         |        |       |
|    | E CHANGE MOL FROM 42.0 MAX. TO 43.0 MAX. D CHANGE CHARTS ADD NOTES  8/25 |                       |                                | 1 PL +/-                                             |         |                        | LED FECTOON LAMP |           |         |         |        |       |
|    |                                                                          |                       | THIRD ANGLE                    | 2 PL +/- 0<br>ANGLE +/- 0                            |         |                        | LED FESTOON LAMP |           |         |         |        |       |
|    | C ADD ELECT & OPTICAL INFO                                               | 3/9/07 PROJECTION     |                                |                                                      |         |                        |                  |           |         |         |        |       |
|    | B ADD + MARKING-24V DC                                                   | 10/3/06               | DRAWN BY                       | APPV'D BY                                            | DATE    | SIZE                   | FSCM NO.         |           |         |         |        |       |
|    | A CHNG. 04B MSCP TO .14                                                  | 7/24/06               | L. WENGSTROM                   | L.R.                                                 | 12/8/10 | Α                      | 55335            | NO.       | LE-06   | 303-04  |        |       |
|    | ENGR. RELEASE & CANCEL PL-0603-04-1 TO -5                                | 7/5/06                |                                | DAVAUNIO                                             |         | SCALE                  |                  | RELEASED  | REVISIO | NI -    | REV.   | SHEET |
| RI | REV. DESCRIPTION/ECO                                                     |                       | T - CAD D                      | RAWING -                                             |         |                        |                  |           |         |         | NO. H  | 4 4   |
| N  | NO. NUMBER DATE                                                          |                       | MANUAL REVISIONS NOT PERMITTED |                                                      |         | NONE                   | DATE 7/5/0       | 0   5/1/2 | 12/8/10 | · · · · | I OF I |       |

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