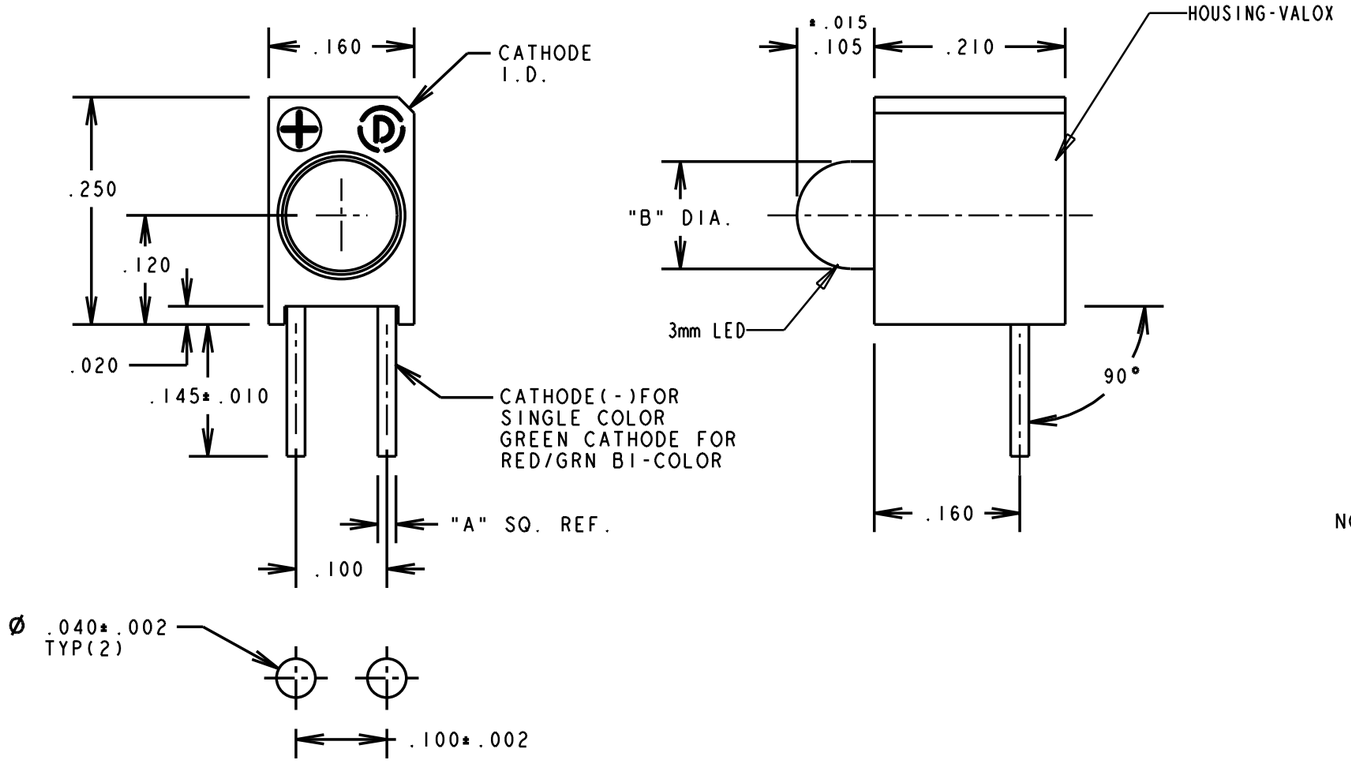
| PART NUMBER | LED COLOR | "A" DIMENSION | "B" DIMENSION | CUSTOMER P/N REF. |
|---|---|---|---|---|
| 551-0001-875 | GREEN DIFFUSED | .018 | .118±.010 | 4061100 |
| 551-0001-876 | YELLOW DIFFUSED | .018 | .118±.010 | 4061102 |
| 551-0001-877 | RED/GREEN BI-COLOR | .020 | .118±.010 | 4061105 |

| REV. | ECN NO. | REVISIONS | DRN. | CKD. | APP. | DATE |
|---|---|---|---|---|---|---|
| A | —— | NEW RELEASE | DC | | N.O. | 7-25-95 |
| B | —— | .XXX TOLERANCE CHANGED TO ±.010;ADDED MATERIAL "VALOX" TO HOUSING. | DC | | N.O. | 8-22-95 |
| C | —— | DELETED REVERSE VOLTAGE SPEC, NOT APPLICABLE ON A 2 LEADED BI-COLOR LED. | TC | | N.O. | 5-11-98 |
| D | —— | REVISED GREEN AND YELLOW LED SPECS.; ADDED NOTE 2; "B" DIMENSION .118 ±.010 WAS .115 ±.010. | TC | | N.O. | |




RECOMMENDED P.C. BOARD HOLE PATTERN

NOTES:

1. PACKAGE 100 PC'S PER 4"×5" ANTISTATIC AUTOBAG WITH P/N, QTY, DATE CODE AND MFG PRINTED ON BAG. PLACE 5 BAGS OF 100 PC'S EACH INTO AN APPROPRIATE SIZE ANTISTATIC ZIP LOCK BAG WITH APPROPRIATE BAR CODE LABEL.
   IN BAR CODE & HUMAN READABLE FORMAT:CUSTOMER P/N;DIALIGHT P/N; P.O.NUMBER;QTY PER BAG;DATE CODE. THE BAR CODE LABEL TO BE APPLIED TO BAG AND INNER CARTON. REFERENCE:CUSTOMER SPEC.:QP012.
2. DIALIGHT PART NUMBER: 551-0001-875, -876, -877.

RED/GRN BI-COLOR LED
OPERATING CHARACTERISTICS AT $T_A$ =25°C

| SYMBOL | PARAMETER | COLOR | MIN | TYP | MAX | UNITS | TEST COND. |
|---|---|---|---|---|---|---|---|
| $V_F$ | FORWARD VOLTAGE | RED | | 1.8 | 2.4 | V | $I_F$ = 20 mA |
| | | GREEN | | 2.1 | 2.8 | | |
| $\lambda_D$ | PEAK WAVELENGTH | RED | | 660 | | nm | |
| | | GREEN | | 565 | | | |
| $I_V$ | LUMINOUS INTENSITY | RED | 3.7 | 12.6 | | mcd | $I_F$ = 20 mA |
| | | GREEN | 1.1 | 3.7 | | | |

SINGLE-COLOR LED
OPERATING CHARACTERISTICS AT $T_A$ =25°C

| SYMBOL | PARAMETER | COLOR | MIN | TYP | MAX | UNITS | TEST COND. |
|---|---|---|---|---|---|---|---|
| $V_F$ | FORWARD VOLTAGE | YELLOW | | 2.1 | 2.8 | V | $I_F$ = 20 mA |
| | | GREEN | | 2.1 | 2.8 | | |
| $\lambda_D$ | PEAK WAVELENGTH | YELLOW | | 585 | | nm | |
| | | GREEN | | 565 | | | |
| $I_V$ | LUMINOUS INTENSITY | YELLOW | 7.4 | 10.0 | | mcd | $I_F$ = 10 mA |
| | | GREEN | 4.7 | 12.6 | | | |
| $V_R$ | REVERSE VOLTAGE | ALL | 5 | | | V | $I_R$ =100 µA |

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SCALE 6:1
ALL DIM'S IN: INCHES
TOLERANCES: UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XX): ±.020
DECIMALS (.XXX): ±.015
ANGLES: ±3°
FINISH:
FSCM 83330

DRAWING NUMBER C-15999
REV D
TITLE
MATERIAL

Dialight
1913 ATLANTIC AVE.
MANASQUAN, N.J. 08736

SHEET OF
FAMILY TABLE: