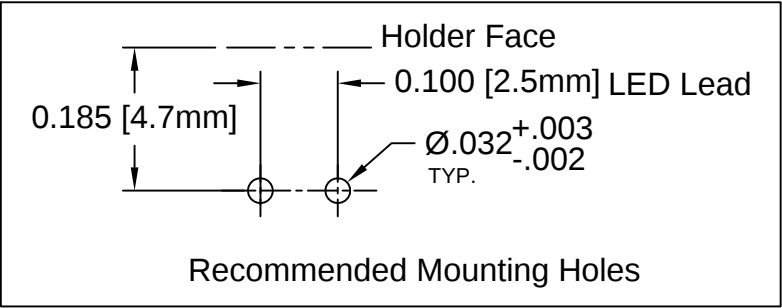
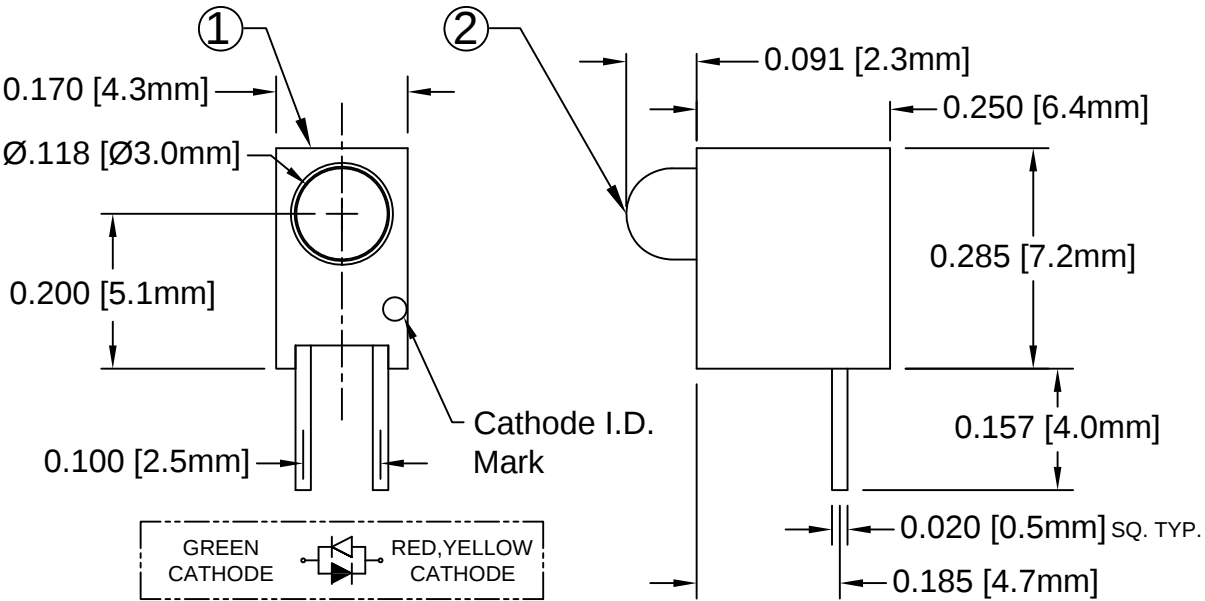


| ITEM | Q'TY | PART NUMBER | PART DESCRIPTION                            |
|------|------|-------------|---------------------------------------------|
| 1    | 1    | H-101C      | T-1 (3mm) LED Holder, 90° Mount             |
| 2    | 1    | 3BC-XX      | T-1 (3mm) N-Flange Bi-Color LED, See Page 2 |

| REV. | DESCRIPTION                    | DATE     | APPROVED |
|------|--------------------------------|----------|----------|
| A    | Engineering Update w/o Changes | 03/05/04 | M. C.    |
| B    | Engineering Update w/o Changes | 06/20/16 | J. C.    |
|      |                                |          |          |
|      |                                |          |          |



# ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

|                                             |                      |
|---------------------------------------------|----------------------|
| REVERSE VOLTAGE                             | 5V                   |
| REVERSE CURRENT                             | 100uA                |
| OPERATING TEMPERATURE RANGE                 | -40° C - 80° C       |
| STORAGE TEMPERATURE                         | -40° C - 100° C      |
| LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) | 260° C FOR 5 SECONDS |

|                                                 |                 |                                                                            |                       |
|-------------------------------------------------|-----------------|----------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) |                 | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974 |                       |
| DECIMALS                                        | ANGULAR         |                                                                            |                       |
| .X ± .1                                         | X° ± 1°         |                                                                            |                       |
| .XX ± .02                                       |                 |                                                                            |                       |
| .XXX ± .010                                     |                 |                                                                            |                       |
| DESIGNED:                                       | DATE:           | <b>TITLE:</b> T-1 (3MM) BI-COLOR<br>90° SINGLE-LEVEL LED ASSY              |                       |
| <b>S. Irving</b>                                | <b>03/05/04</b> |                                                                            |                       |
| CHECKED:                                        | DATE:           | <b>PART NO:</b> H101CBC-XX                                                 | <b>REVISION:</b> B    |
| <b>A. Vilgiate</b>                              | <b>03/05/04</b> | <b>CAGE CODE :</b> 32559                                                   | <b>SHEET # 1 OF 2</b> |
| CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING. |                 |                                                                            |                       |

|      |              |      |          |
|------|--------------|------|----------|
| REV. | DESCRIPTION  | DATE | APPROVED |
|      | SEE SHEET #1 |      |          |
|      |              |      |          |

| LED Assy. No. | Peak Wave Length<br>$\lambda_p$ (nm) | Emitted Color | Lens Appearance | Abs. Max. Rating | Electro-Optical Data @ 20ma |      |          | Viewing Angle<br>2 $\Theta$ $\frac{1}{2}$ (Deg) | LED P/N |
|---------------|--------------------------------------|---------------|-----------------|------------------|-----------------------------|------|----------|-------------------------------------------------|---------|
|               |                                      |               |                 |                  | Vf (V)                      |      | Iv (mcd) |                                                 |         |
|               |                                      |               |                 |                  | If (mA)                     | Typ. | Max.     | Typ.                                            |         |
| H101CBC       | 635                                  | HE RED        | WHITE DIFFUSED  | 30               | 2.0                         | 2.6  | 30.0     | 45                                              | 3BC     |
|               | 568                                  | GREEN         |                 | 30               | 2.2                         | 2.6  | 30.0     |                                                 |         |
| H101CBC-Y/G   | 585                                  | YELLOW        | WHITE DIFFUSED  | 30               | 2.1                         | 2.6  | 15.0     | 45                                              | 3BC-Y/G |
|               | 568                                  | GREEN         |                 | 30               | 2.2                         | 2.6  | 30.0     |                                                 |         |

|                                                                                               |                                                                                       |                                                                                                                                             |                |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )<br><u>±10% ALL VALUES</u> <u>ANGULAR</u> |                                                                                       | <div><div><b>BIVAR<sup>®</sup></b></div><div>4 THOMAS, IRVINE, CA. 92618</div><div>TEL: (949) 951-8808      FAX: (949) 951-3974</div></div> |                |
|                                                                                               |  | TITLE: T-1 (3MM) BI-COLOR<br>90° SINGLE-LEVEL LED ASSY                                                                                      |                |
| DESIGNED:<br>T. Yin                                                                           | DATE:<br>03/05/04                                                                     | PART NO:<br>H101CBC-XX                                                                                                                      | REVISION:<br>B |
| CHECKED:<br>D. Green                                                                          | DATE:<br>03/05/04                                                                     | CAGE CODE : 32559                                                                                                                           | SHEET # 2 OF 2 |
| CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.                                               |                                                                                       |                                                                                                                                             |                |

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H101CBC H101CBC-Y/G