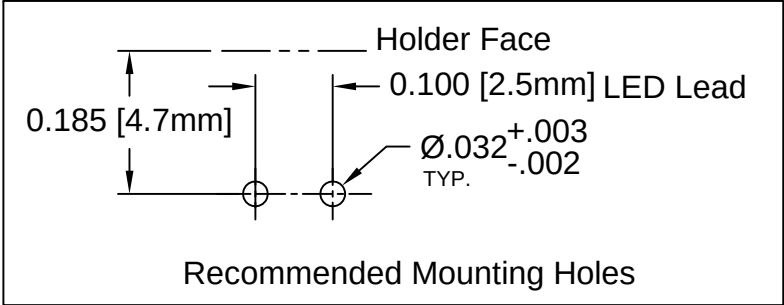
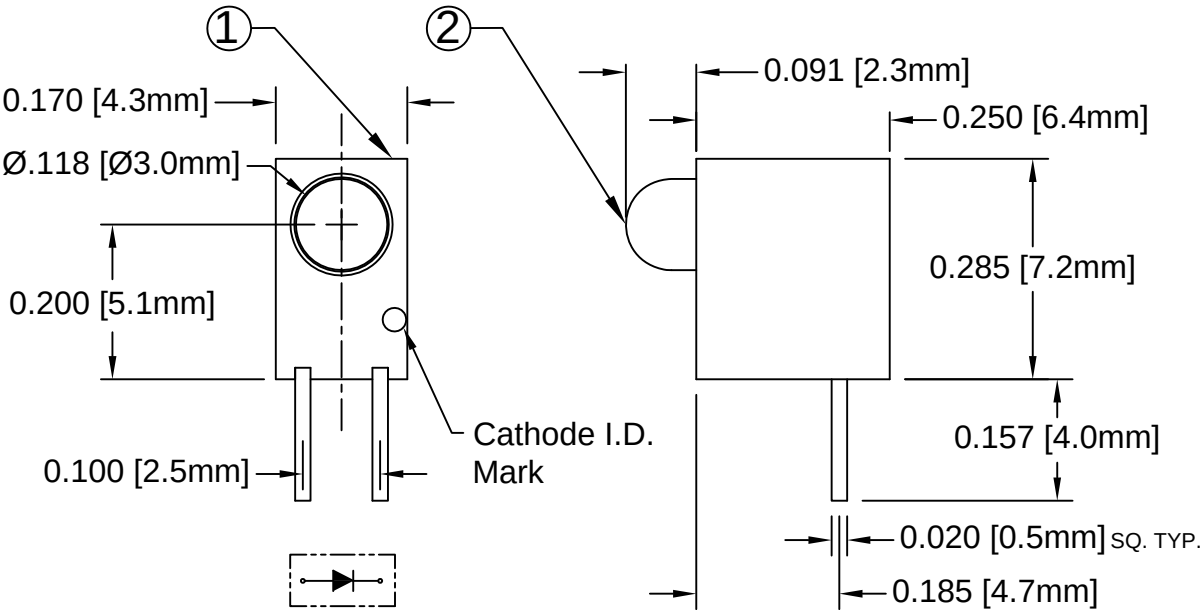


| ITEM | Q'TY | PART NUMBER | PART DESCRIPTION                               |
|------|------|-------------|------------------------------------------------|
| 1    | 1    | H-101C      | T-1 (3mm) LED Holder 90° Mount, Single-Station |
| 2    | 1    | 3SGC-S      | T-1 (3mm) Shouldered LED                       |

| REV. | DESCRIPTION                    | DATE     | APPROVED |
|------|--------------------------------|----------|----------|
| A    | Engineering Release            | 08/08/06 | M. C.    |
| B    | Updated Shouldered LED         | 04/13/09 | T. Y.    |
| C    | Engineering Update w/o Changes | 06/20/16 | J. C.    |
|      |                                |          |          |
|      |                                |          |          |
|      |                                |          |          |



| LED P/N | Chip          |                            | Lens Appearance | Absolute Max. Ratings |         |         |              | Electro-Optical Data @ 20m A |     |          | Viewing Angle (Deg) |
|---------|---------------|----------------------------|-----------------|-----------------------|---------|---------|--------------|------------------------------|-----|----------|---------------------|
|         | Emitted Color | Peak Wavelength<br>λp (nm) |                 | Δλ (nm)               | Pd (mW) | If (mA) | Peak If (mA) | Vf (V)                       |     | Iv (mcd) |                     |
|         |               |                            |                 |                       |         |         |              | TYP                          | MAX | TYP      |                     |
| 3SGC-S  | SUPER GREEN   | 568                        | WATER CLEAR     | -                     | 80      | 30      | 150          | 2.1                          | 2.8 | 50       | 30                  |

# ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

REVERSE VOLTAGE
5V

REVERSE CURRENT
100uA

OPERATING TEMPERATURE RANGE
-25° C - 85° C

STORAGE TEMPERATURE
-30° C - 100° C

LEAD SOLDERING TEMPERATURE(1/16" FROM BODY)
260° C FOR 5 SECONDS

|                                                                                                                                          |                                 |                                                                                                                                    |                                 |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )<br>DECIMALS      ANGULAR<br>.X    ± .1      X°   ± 1°<br>.XX   ± .02<br>.XXX ± .010 |                                 | <div> </div> <div>           4 THOMAS, IRVINE, CA. 92618<br/>           TEL.: (949) 951-8808    FAX: (949) 951-3974         </div> |                                 |
|                                                                                                                                          |                                 | <div> </div> <b>TITLE:</b> T-1 (3MM) 90° SINGLE-LEVEL LED ASSEMBLY                                                                 |                                 |
|                                                                                                                                          |                                 | <b>DESIGNED:</b><br><b>S. Dam</b>                                                                                                  | <b>DATE:</b><br><b>08/08/06</b> |
|                                                                                                                                          |                                 |                                                                                                                                    |                                 |
| <b>CHECKED:</b><br><b>T. Yin</b>                                                                                                         | <b>DATE:</b><br><b>08/08/06</b> | <b>PART NO:</b><br><b>H101CSGC</b>                                                                                                 | <b>REVISION:</b><br><b>C</b>    |
|                                                                                                                                          |                                 | <b>CAGE CODE :</b> 32559                                                                                                           | <b>SHEET # 1 OF 1</b>           |
| CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.                                                                                          |                                 |                                                                                                                                    |                                 |