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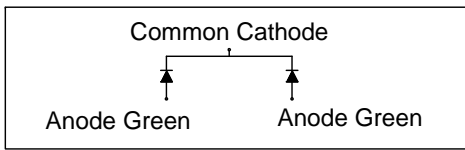
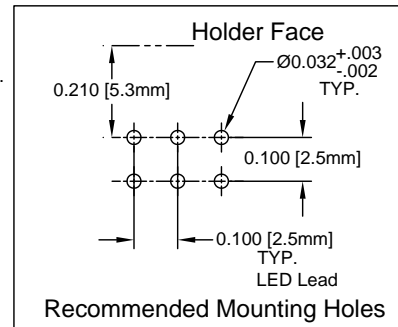
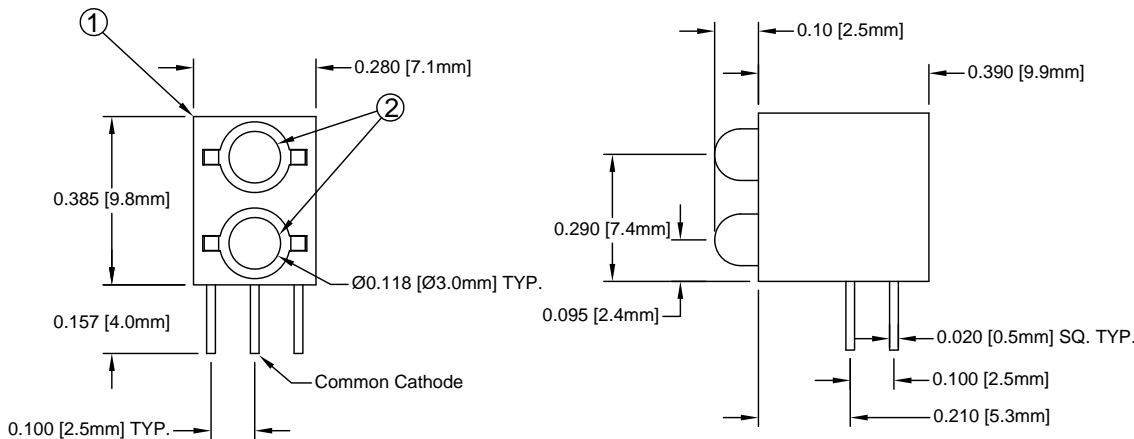
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[Bivar, Inc.](#)
[H280CGD](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

| ITEM | QTY | PART NUMBER | PART DESCRIPTION |
|------|-----|-------------|-------------------------------------|
| 1 | 1 | H-280C | Tri-Lead 90°, LED holder, T-1 (3mm) |
| 2 | 2 | 3GD-3-F | T-1 (3mm) Tri-Lead Flange LED |

| REV. | DESCRIPTION | DATE | APPROVED |
|------|--------------------------------------|----------|----------|
| A | Engineering Release. | 08/06/02 | M. C. |
| B | Added Common Cathode ID | 12/05/05 | M. C. |
| C | Update Template | 02/19/07 | M. C. |
| D | Updated Lead View and Mounting Holes | 03/05/08 | M. C. |
| E | Engineering Update w/o Changes | 06/22/16 | J. C. |



| LED Part No. | Chip | | | Lens Appearance | Absolute Max. Ratings | | | | Electro-Optical Data @ 20mA | | | Viewing Angle (Deg) |
|--------------|----------|-----------------------------------|---------------|-----------------|-----------------------|---------|---------|--------------|-----------------------------|-----|----------|---------------------|
| | Material | Peak Wave Length λ_p (nm) | Emitted Color | | $\Delta\lambda$ (nm) | Pd (mW) | If (mA) | Peak If (mA) | Vf (V) | | Iv (mcd) | |
| | | | | | | | | | TYP | MAX | TYP | |
| 3GD-3-F | GaP/GaP | 565 | GREEN | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 30 | 45 | |
| | GaP/GaP | 565 | GREEN | | | | | 2.2 | 2.6 | 30 | | |

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

- REVERSE VOLTAGE _____ 5V
- REVERSE CURRENT (VR=5V) _____ 100µA
- 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 (UNLESS OTHERWISE SPECIFIED) | | 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974 | |
| DECIMALS | ANGULAR | | |
| .X ±.1 | X° ±1° | TITLE: T-1 (3mm) TRI-LEAD ASSY REVISION: E | |
| .XX ±.02 | | | |
| .XXX ±.010 | | | |
| DESIGNED: | DATE: | PART NO: | |
| S. Irving | 08/06/02 | H280CGD | |
| CHECKED: | DATE: | CAGE CODE : 32559 | SHEET # 1 OF 1 |
| M. Chen | 08/06/02 | CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING. | |