



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

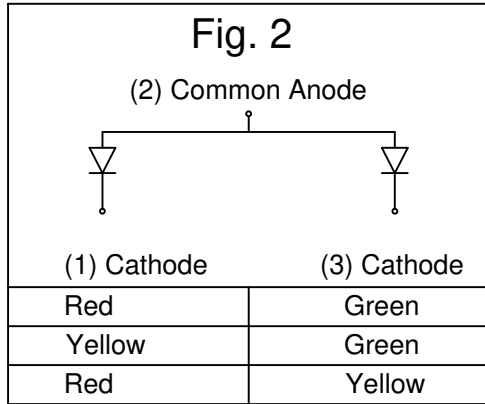
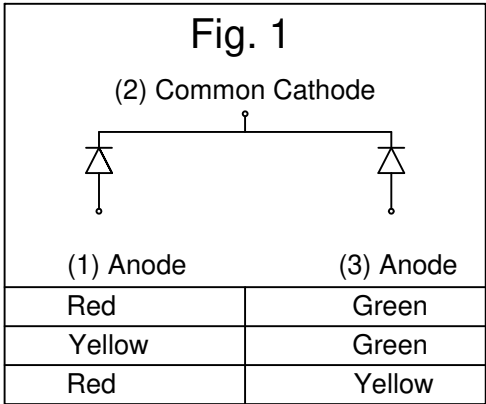
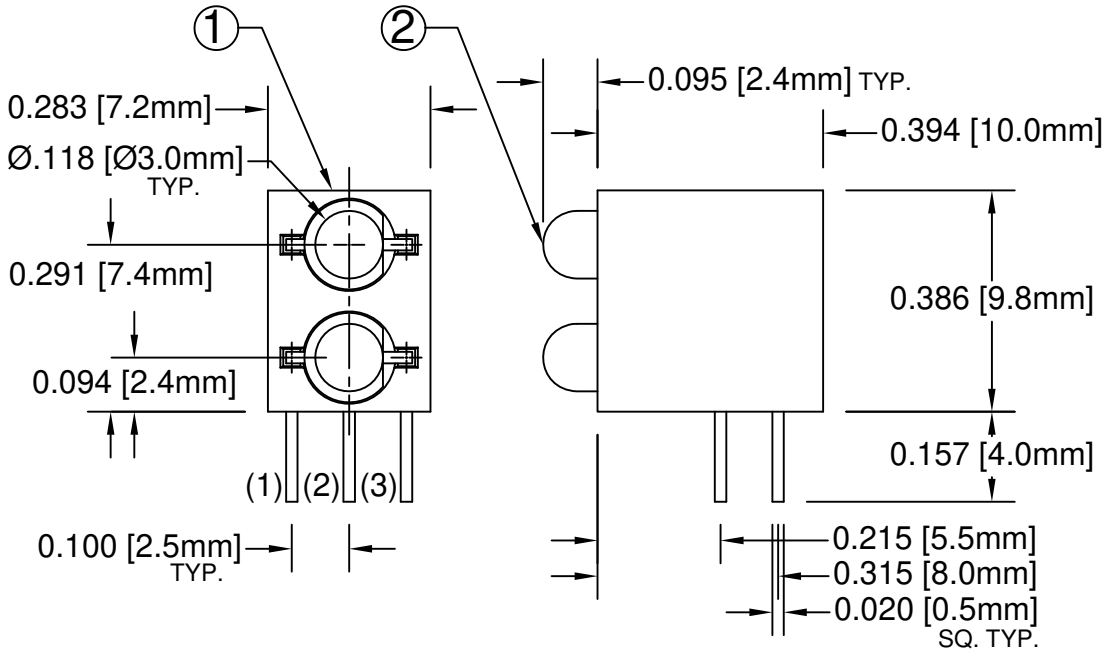
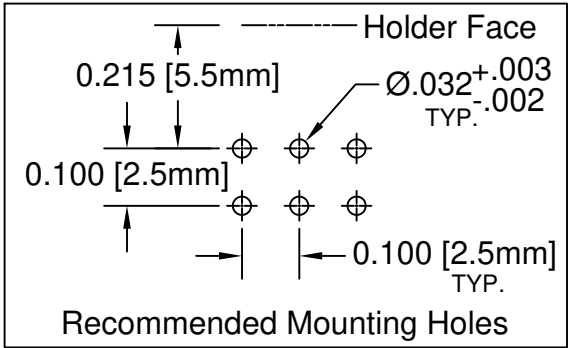
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



| ITEM | Q'TY | PART NUMBER | PART DESCRIPTION |
|------|------|--------------|--|
| 1 | 1 | H-280C | T-1 (3mm) Bi-Level Tri-Lead LED Holder, 90° Mount |
| 2 | 2 | 3BC-3-XXXX-F | T-1 (3mm) Bi-Color/Tri-Color Flanged LED, See Page 2 |

| REV. | DESCRIPTION | DATE | APPROVED |
|------|--------------------------------|----------|----------|
| A | Engineering Update w/o Changes | 03/05/04 | M. C. |
| B | Removed Fig. 3 | 04/05/05 | M. C. |
| C | Engineering Update w/o Changes | 06/22/16 | J. C. |
| | | | |
| | | | |





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 (UNLESS OTHERWISE SPECIFIED) | | 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974 | |
| DECIMALS | ANGULAR | | |
| .X ± .1 | X° ± 1° | | |
| .XX ± .02 | | | |
| .XXX ± .010 | | | |
| DESIGNED: D. Green | DATE: 03/05/04 | TITLE: T-1 (3MM) BI-COLOR 3 LEAD 90° BI-LEVEL LED ASSY | |
| CHECKED: M. Chen | DATE: 03/05/04 | | |
| | | PART NO: H280CBCXXXX | REVISION: C |
| | | CAGE CODE : 32559 | SHEET # 1 OF 2 |
| CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING. | | | |

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

| LED Assy. No. | Peak Wave Length λ_p (nm) | Emitted Color | Lens Appearance | Abs. Max. Rating | Electro-Optical Data @ 20m A | | | Viewing Angle $2\theta \frac{1}{2}$ (Deg) | LED P/N |
|----------------------------|--------------------------------------|---------------|-----------------|------------------|------------------------------|-----|-------------|---|----------------|
| | | | | If (mA) | Vf (V) | | Iv (mcd) | | |
| | | | | | TYP | MAX | TYP | | |
| H280CBC (Fig. 1) | 635 | HE RED | WHITE DIFFUSED | 30 | 2.0 | 2.6 | 35.0 | 40 | 3BC-3-F |
| | 568 | GREEN | | 30 | 2.2 | 2.6 | 35.0 | | |
| H280CBC-Y/G (Fig. 1) | 585 | YELLOW | WHITE DIFFUSED | 30 | 2.1 | 2.6 | 30.0 | 40 | 3BC-3-Y/G-F |
| | 568 | GREEN | | 30 | 2.2 | 2.6 | 35.0 | | |
| H280CBC-CA (Fig. 2) | 635 | HE RED | WHITE DIFFUSED | 30 | 2.0 | 2.6 | 35.0 | 40 | 3BC-3-CA-F |
| | 568 | GREEN | | 30 | 2.2 | 2.6 | 35.0 | | |
| H280CBC-Y/G-CA (Fig. 2) | 585 | YELLOW | WHITE DIFFUSED | 30 | 2.1 | 2.6 | 30.0 | 40 | 3BC-3-Y/G-CA-F |
| | 568 | GREEN | | 30 | 2.2 | 2.6 | 35.0 | | |

| | | | |
|---|--------------------------|--|--|
| STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) <u>±10% ALL VALUES</u> <u>ANGULAR</u> | |  4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974 | |
| | |  | TITLE: T-1 (3MM) BI-COLOR 3 LEAD 90° BI-LEVEL LED ASSY |
| DESIGNED: T. Yin | DATE: 03/05/04 | | PART NO: H280CBCXXXX |
| CHECKED: D. Green | DATE: 03/05/04 | CAGE CODE : 32559 SHEET # 2 OF 2 | |
| CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING. | | | |