

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

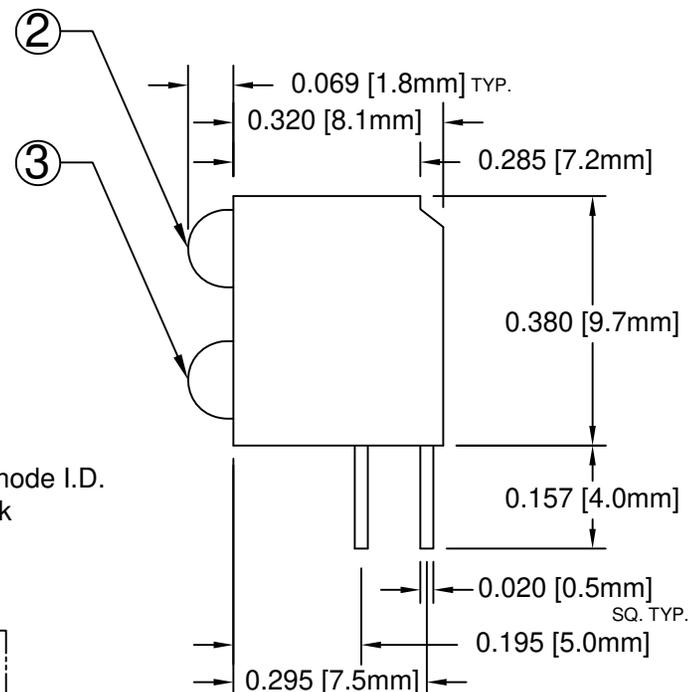
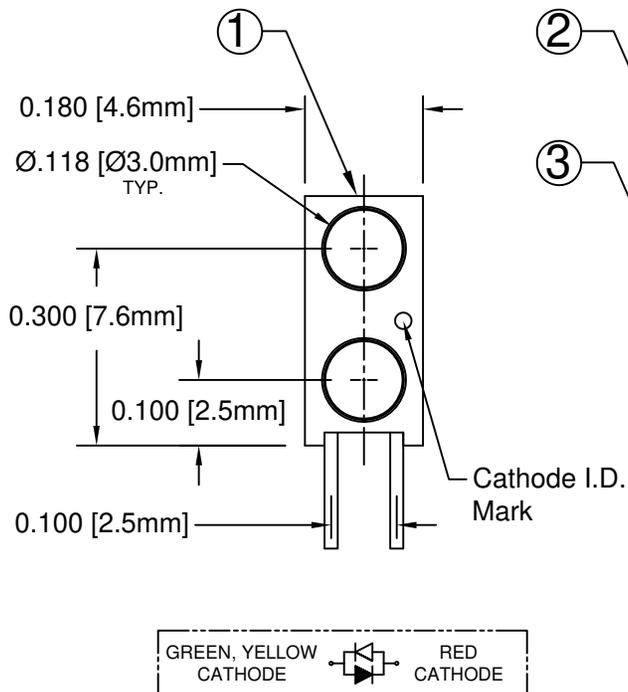
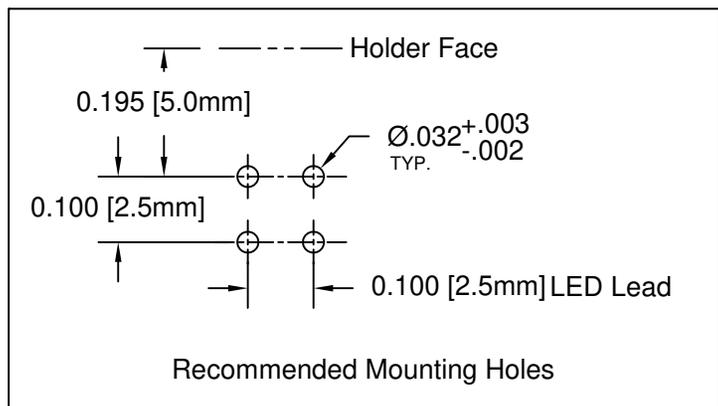
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| ITEM | Q'TY | PART NUMBER | PART DESCRIPTION |
|------|------|-------------|--|
| 1 | 1 | H-201C | T-1 (3mm) Bi-Level LED Holder, 90° Mount |
| 2 | 1 | 3BC | T-1 (3mm) N-Flange Bi-Color LED |
| 3 | 1 | 3BC-R/Y | T-1 (3mm) N-Flange Bi-Color LED |

| REV. | DESCRIPTION | DATE | APPROVED |
|------|--|----------|----------|
| A | Engineering Release | 04/30/02 | M. C. |
| B | Corrected Item 2 from 3BC-R/Y to 3BC Drawing Updated | 08/23/04 | M. C. |
| C | Specification Correction | 10/21/05 | M. C. |
| D | Engineering Update w/o Changes | 06/21/16 | J. C. |



| LED Part No. | Chip | | | Lens Appearance | Absolute Max. Ratings | | | | Electro-Optical Data @ 20mA | | | Viewing Angle 2 $\theta_{1/2}$ (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 | |
| 3BC | GaAsP/GaP | 635 | HE RED | WHITE DIFFUSED | 45 | 80 | 30 | 150 | 2.0 | 2.6 | 30 | 45 |
| | GaP/GaP | 568 | GREEN | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 30 | |
| 3BC-R/Y | GaAsP/GaP | 635 | HE RED | WHITE DIFFUSED | 45 | 80 | 30 | 150 | 2.0 | 2.6 | 30 | 45 |
| | GaAsP/GaP | 585 | YELLOW | | 35 | 80 | 30 | 150 | 2.1 | 2.6 | 15 | |

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE _____ 5V

REVERSE CURRENT (VR=5V) _____ 100 μ A

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) | |
|--|--------------------------|
| DECIMALS | ANGULAR |
| .X $\pm .1$ | X° $\pm 1^\circ$ |
| .XX $\pm .02$ | |
| .XXX $\pm .010$ | |
| DESIGNED: S. Irving | DATE: 04/30/02 |
| CHECKED: M. Chen | DATE: 04/30/02 |

BIVAR[®]

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TITLE: T-1 (3MM) BI-COLOR
90° BI-LEVEL LED ASSY

PART NO: H201CBCBC-R/Y

CAGE CODE : 32559 SHEET # 1 OF 1
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