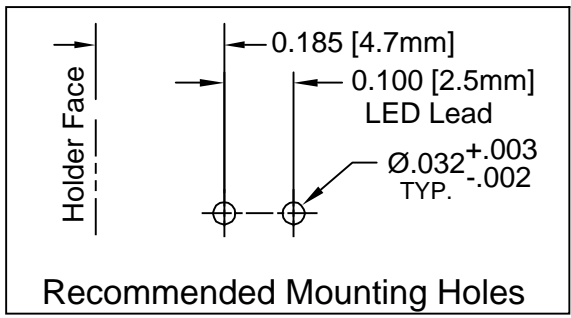
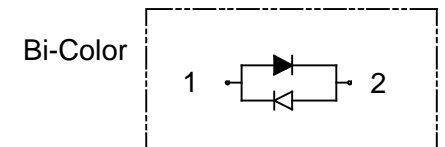
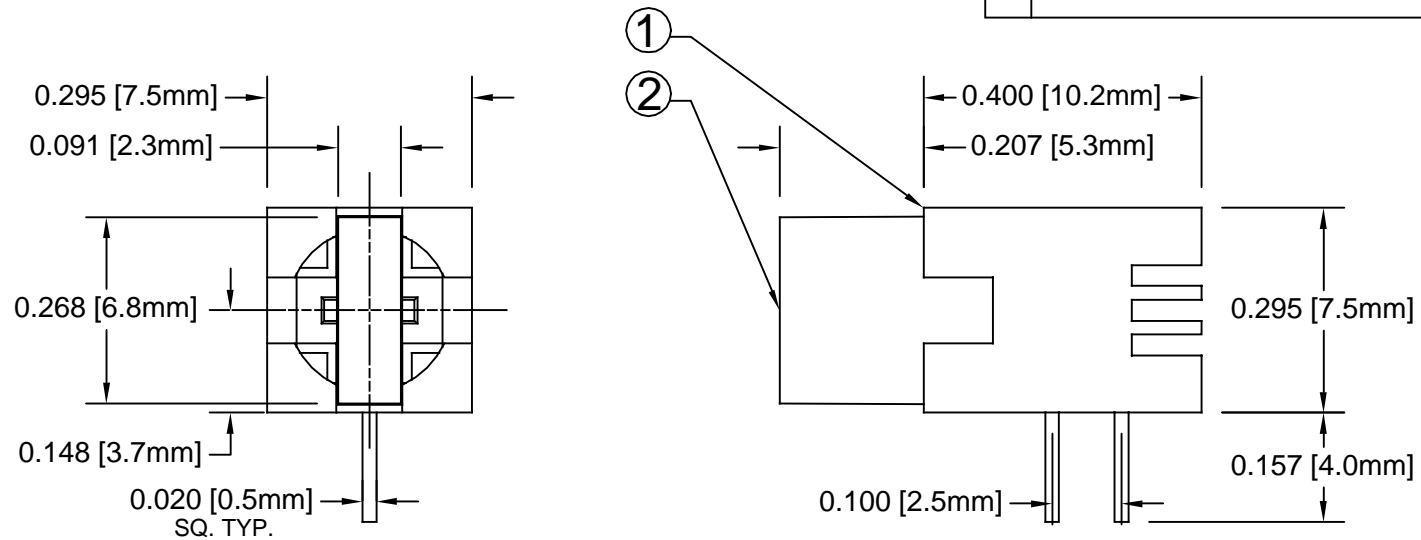


| ITEM | Q'TY | PART NUMBER | PART DESCRIPTION |
|------|------|-------------|------------------------------------|
| 1 | 1 | 922-343 | Multi-Functional Single LED Holder |
| 2 | 1 | R7XX | 2x7mm Rectangular LED, See Page 2 |

| REV. | DESCRIPTION | DATE | APPROVED |
|------|--------------------------------|----------|----------|
| B | Engineering Update w/o Changes | 03/08/04 | M. C. |
| C | Added R7BC-XX LEDs | 09/28/06 | M. C. |
| | | | |
| | | | |



| LEAD 1 CATHODE | LED Part No | LEAD 2 CATHODE |
|----------------|-------------|----------------|
| GREEN | R7BC | RED |
| GREEN | R7BC-Y/G | YELLOW |
| YELLOW | R7BC-R/Y | Hi-Eff RED |



ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

| | | |
|---|-------|----------------------|
| REVERSE VOLTAGE | _____ | 5V |
| REVERSE CURRENT | _____ | 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) | | BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974 | |
| DECIMALS | ANGULAR | | |
| .X ±.1 | X° ±1° | | |
| .XX ±.02 | | TITLE: RECTANGULAR 2X7MM VERT. 90° SINGLE-LEVEL LED ASSY | |
| .XXX ±.010 | | | |
| DESIGNED: David Green | DATE: 10/10/03 | PART NO: H921VR7XX | REVISION: C |
| CHECKED: M. Chen | DATE: 10/10/03 | 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 @ 20mA | | | Viewing Angle $2\theta \frac{1}{2}$ (Deg) | LED P/N |
|---------------|--------------------------------------|---------------|-----------------|------------------|-----------------------------|-----|-------------|---|----------|
| | | | | If (mA) | Vf (V) | | Iv (mcd) | | |
| | | | | | TYP | MAX | TYP | | |
| H921VR7GD | 568 | GREEN | DIFFUSED | 30 | 2.2 | 2.6 | 7 | 125 | R7GD |
| H921VR7YD | 585 | YELLOW | DIFFUSED | 30 | 2.1 | 2.6 | 5 | 125 | R7YD |
| H921VR7RD | 655 | RED | DIFFUSED | 40 | 1.7 | 2.0 | 1 | 125 | R7RD |
| H921VR7BC | 635 | RED | DIFFUSED | 30 | 2.0 | 2.6 | 6 | 120 | R7BC |
| | 568 | GREEN | | 30 | 2.2 | 2.6 | 6 | | |
| H921VR7BC-Y/G | 585 | YELLOW | DIFFUSED | 30 | 2.1 | 2.6 | 5 | 120 | R7BC-Y/G |
| | 568 | GREEN | | 30 | 2.2 | 2.6 | 6 | | |
| H921VR7BC-R/Y | 640 | Hi-Eff RED | DIFFUSED | 30 | 2.0 | 2.6 | 6 | 120 | R7BC-R/Y |
| | 585 | YELLOW | | 30 | 2.1 | 2.6 | 6 | | |

| | | | |
|--|--------------------------|--|--|
| STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) <u>±10% ALL VALUES</u> <u>ANGULAR</u> X° ± 5° | |  4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974 | |
|  | | | |
| DESIGNED: David Green | DATE: 10/10/03 | PART NO: H921VR7XX | REVISION: C |
| CHECKED: M. Chen | DATE: 10/10/03 | | CAGE CODE : 32559 SHEET # 2 OF 2 |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING. | | | |