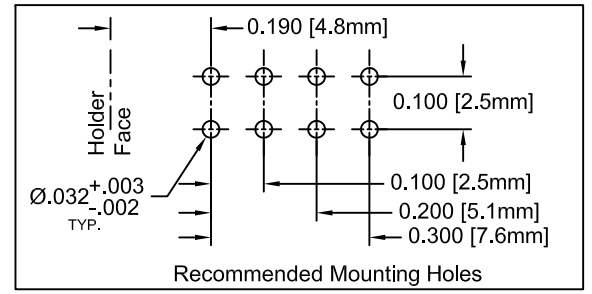
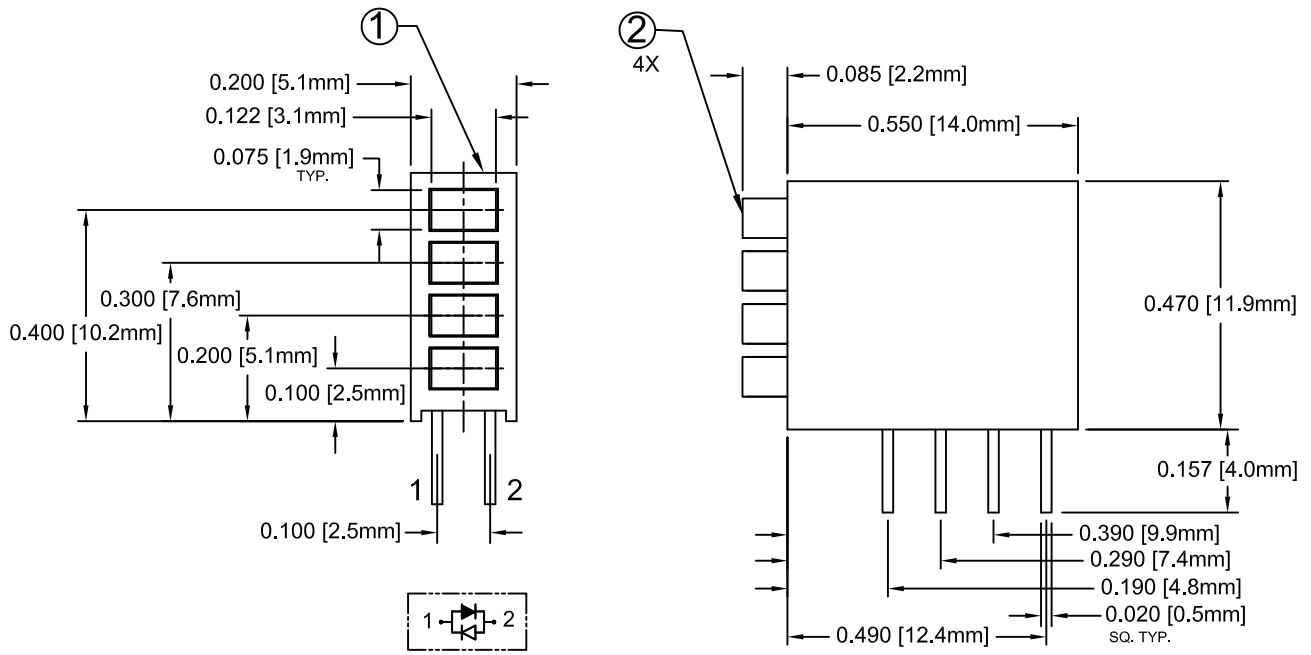


| ITEM | Q'TY | PART NUMBER | PART DESCRIPTION |
|------|------|-------------|--------------------------------|
| 1 | 1 | H-480C | Quad-Level 2X3mm LED Holder |
| 2 | 4 | R3BC-XX | 2x3mm Bi-Color Rectangular LED |

| REV. | DESCRIPTION | DATE | APPROVED |
|------|---------------------|----------|----------|
| A | Engineering Release | 01/26/10 | T. Y. |
| | | | |
| | | | |
| | | | |



| LED | (1) Cathode | (2) Cathode |
|----------|-------------|-------------|
| R3BC | Green | Red |
| R3BC-Y/G | Green | Yellow |

| LED Assy. No. | Peak Wave Length λ_p (nm) | Emitted Color | Lens Appearance | Max. Rating | Electro-Optical Data @ 20mA | | | Viewing Angle $2\theta \frac{1}{2}$ (Deg) | LED P/N |
|---------------|-----------------------------------|---------------|-----------------|-------------|-----------------------------|-----|----------|---|----------|
| | | | | If (mA) | Vf (V) | | Iv (mcd) | | |
| | | | | MAX | TYP | MAX | TYP | | |
| H480CBC | 625 | RED | WHITE DIFFUSED | 30 | 2.0 | 2.8 | 3 | 120 | R3BC |
| | 568 | GREEN | | 30 | 2.1 | 2.8 | 2.5 | | |
| H480CBC-Y/G | 590 | YELLOW | WHITE DIFFUSED | 30 | 2.0 | 2.8 | 2.5 | 120 | R3BC-Y/G |
| | 568 | GREEN | | 30 | 2.0 | 2.8 | 2.5 | | |

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) | | BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974 |
| DECIMALS | ANGULAR | |
| .X ±.1 | X° ± 1° | |
| .XX ±.02 | | TITLE: RECTANGULAR 2X3MM 90° QUAD-LEVEL BI-COLOR LED ASSEMBLY PART NO: H480CBC-XXX REVISION: A |
| .XXX ±.010 | | |
| DESIGNED: Raffy Paje | DATE: 01/26/10 | CAGE CODE : 32559 SHEET # 1 OF 1 CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING. |
| CHECKED: T. Yin | DATE: 01/26/10 | |