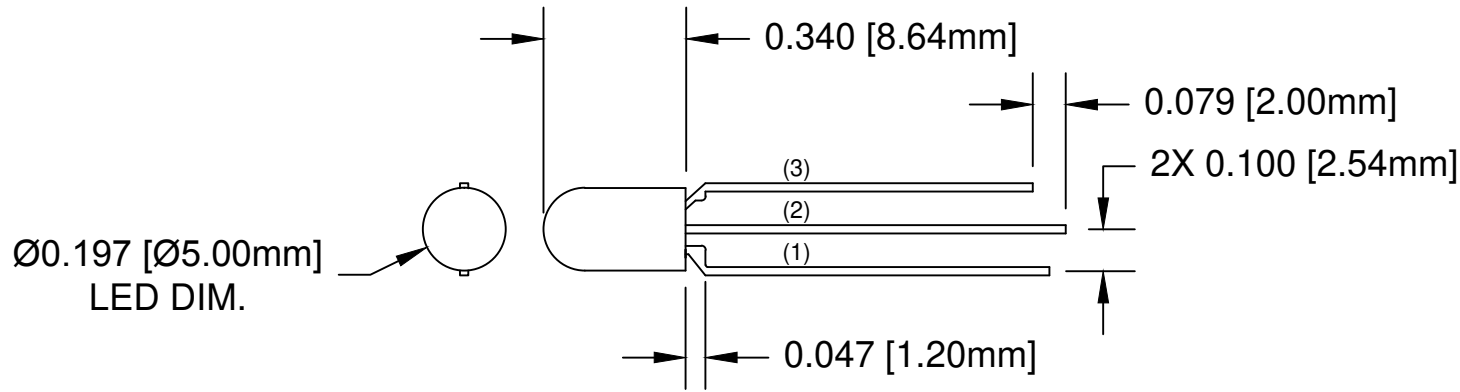
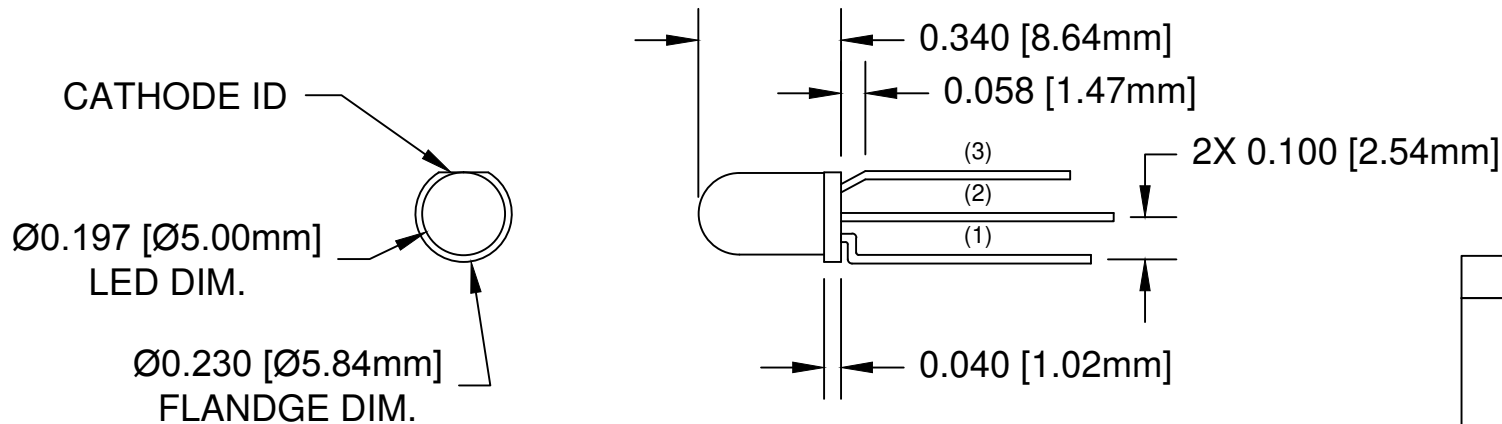


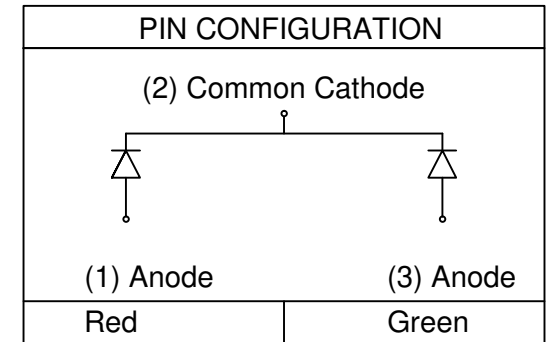
| REV. | DESCRIPTION | DATE | APPROVED |
|------|----------------------|----------|----------|
| A | Engineering Release. | 02/03/15 | J. C. |
| | | | |
| | | | |
| | | | |



Shouldered LED:
P/N: 5SBC-3



Flanged LED :
P/N: 5SBC-3-F





ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

| | | |
|---|-------|--------------------|
| REVERSE VOLTAGE | _____ | 5V |
| REVERSE CURRENT | _____ | 100uA |
| OPERATING TEMPERATURE RANGE | _____ | -40C - 80C |
| STORAGE TEMPERATURE | _____ | -40C - 100C |
| LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) | _____ | 260C 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 | | | TITLE: T-1 3/4 (5mm) | | |
| .XXX ± .010 | | | DESIGNED: Brian Oliver | DATE: 02/10/15 | PART NO: 5SBC-3-X |
| CHECKED: A. Wright | DATE: 02/10/15 | CAGE CODE : 32559 SHEET # 1 OF 2 | | | |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING. | | | | | |

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

| LED PART NO. | Chip | | LENS APPEARANCE | Absolute Maximum Ratings | | | | Electro-Optical Data | | | Viewing Angle (deg) |
|--------------|---------------|----------------------------|-----------------|--------------------------|---------|--------|-------------|----------------------|------|---------------|---------------------|
| | EMITTED COLOR | PEAK WAVE λ_P (nm) | | $\Delta \lambda$ (nm) | pd (mW) | If(mA) | Peak If(mA) | Vf(V) | | Iv Typ. (mcd) | |
| | | | | | | | | Type | Max. | | |
| 5SBC-3 | SUPER RED | 660 | WATER CLEAR | 20 | 60 | 30 | 150 | 1.7 | 2.6 | 400.0 | 20 |
| | HI-EFF GREEN | 568 | WATER CLEAR | 30 | 100 | 30 | 150 | 2.2 | 2.6 | 220.0 | 20 |
| 5SBC-3-F | SUPER RED | 660 | WATER CLEAR | 20 | 60 | 30 | 150 | 1.7 | 2.6 | 400.0 | 20 |
| | HI-EFF GREEN | 568 | WATER CLEAR | 30 | 100 | 30 | 150 | 2.2 | 2.6 | 220.0 | 20 |

| | | | |
|--|--------------------------|--|-----------------------|
| 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° |  TITLE: T-1 3/4 (5mm) | |
| .XX ± .02 | | | |
| .XXX ± .010 | | | |
| DESIGNED: Brian Oliver | DATE: 02/10/15 | PART NO: 5SBC-3-X | REVISION: A |
| CHECKED: A. Wright | DATE: 02/10/15 | CAGE CODE : 32559 | SHEET # 2 OF 2 |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING. | | | |