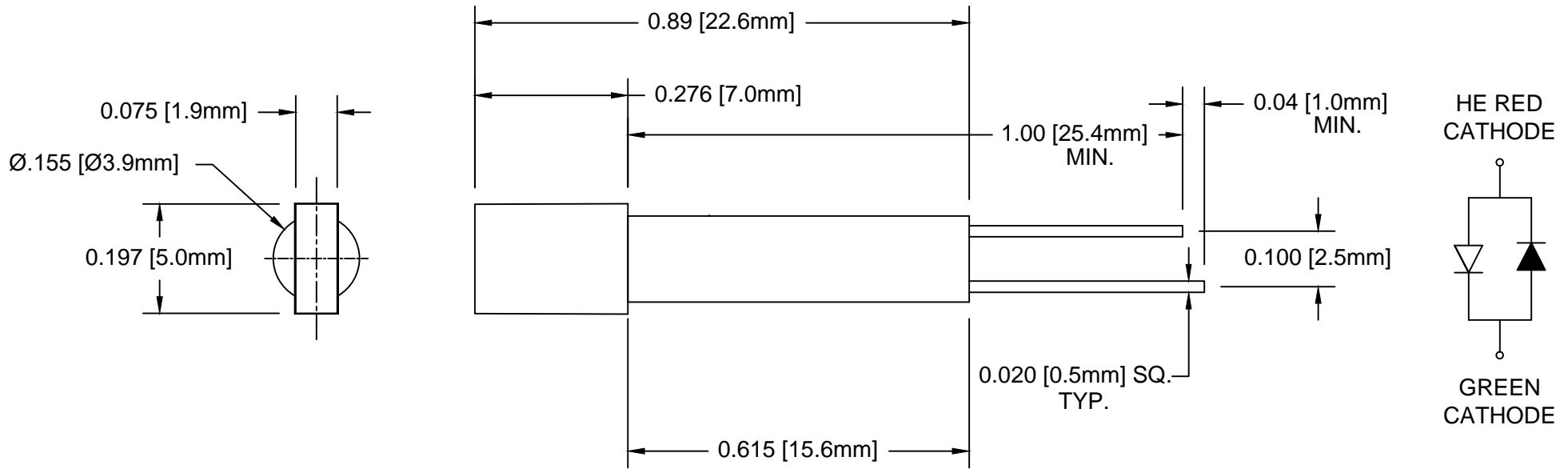


| REV. | DESCRIPTION | DATE | APPROVED |
|------|--------------------------------|----------|----------|
| A | Engineering Release | 11/20/03 | M. C. |
| B | Corrected P/N Typo In BOM | 09/25/13 | T. Y. |
| C | Engineering Update w/o Changes | 06/08/16 | J. C. |
| D | ECO-1073 Removed BOM | 09/28/20 | A. V. |



| LED Part No. | Chip | | | Lens Appearance | Absolute Maximum Ratings | | | | Electro-Optical Data @ 20mA | | | Viewing Angle (Deg.) |
|--------------|-----------|---------------|-----------------------------------|-----------------|--------------------------|---------|---------------|----------------|-----------------------------|------|---------|----------------------|
| | Material | Emitted Color | Peak Wave Length λ_P (nm) | | $\Delta\lambda$ (nm) | Pd (mW) | If (Typ) (mA) | Peak (If) (mA) | Vf(V) | | Iv(mcd) | |
| | | | | | | | | | Typ. | Max. | Typ. | |
| R5BC | GaAsP/GaP | HE RED | 635 | WHITE DIFFUSED | 45 | 100 | 30 | 150 | 2.0 | 2.6 | 4.5 | 125 |
| | GaP/GaP | GREEN | 568 | | 30 | 100 | 30 | 150 | 2.2 | 2.6 | 5.5 | |

CUSTOMER USE DRAWING

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

| | | |
|---|-------|----------------------|
| REVERSE VOLTAGE | _____ | 5V |
| REVERSE CURRENT (VR=5V) | _____ | 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) | | 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974 | |
| DECIMALS | ANGULAR | | |
| .X ± .1 | X° ± 1° | | |
| .XX ± .02 | | TITLE: RECTANGULAR LED/ELM5 ASSY | |
| .XXX ± .010 | | REVISION: D | |
| DESIGNED: D. Green | DATE: 11/20/03 | PART NO: ELM5615R5BC | |
| REVISD: V. Chavez | DATE: 09/28/20 | SHEET SIZE: A | CAGE CODE: 32559 |
| CHECKED: A. Valdez | DATE: 09/28/20 | SCALE: N/A | SHEET # 1 OF 1 |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING | | | |