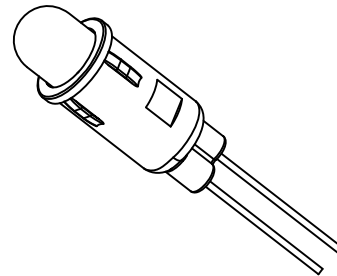
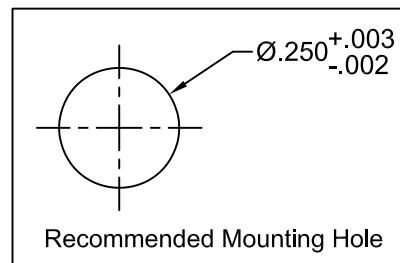
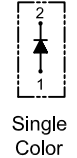
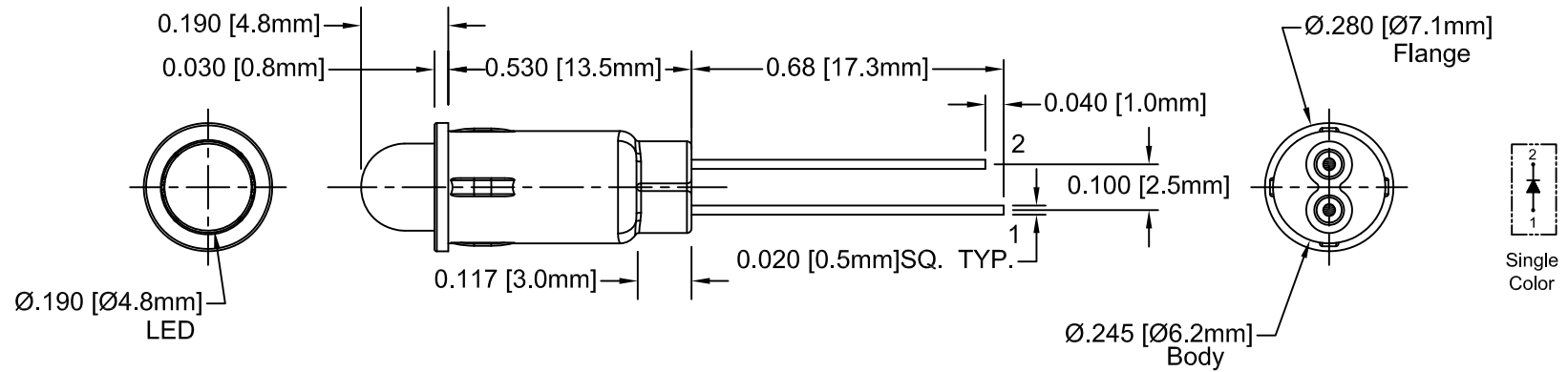


# 352 Series

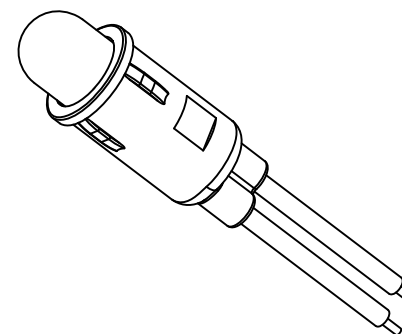
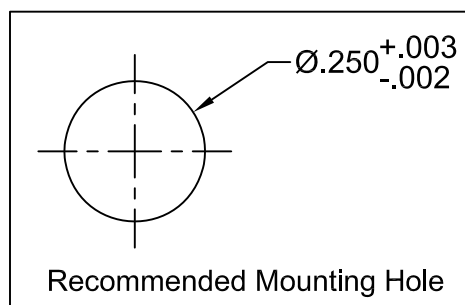
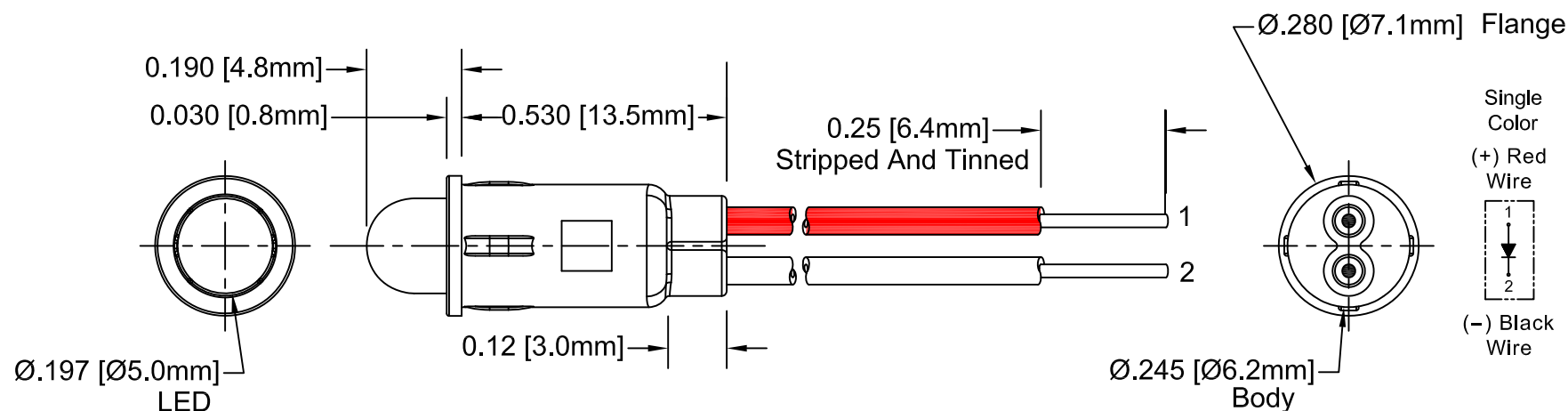


## ABSOLUTE MAXIMUM RATINGS ( $T_a = 25^\circ\text{C}$ )

|                                              |                                            |
|----------------------------------------------|--------------------------------------------|
| REVERSE VOLTAGE                              | 5V                                         |
| REVERSE CURRENT ( $V_R=5\text{V}$ )          | $100\mu\text{A}$                           |
| OPERATING TEMPERATURE RANGE                  | $-25^\circ\text{C} \sim 85^\circ\text{C}$  |
| STORAGE TEMPERATURE                          | $-30^\circ\text{C} \sim 100^\circ\text{C}$ |
| LEAD SOLDERING TEMPERATURE (1/16" FROM BODY) | $260^\circ\text{C}$ for 5 Seconds          |

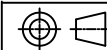
|                                                      |                       |                                                                                                      |
|------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED ) |                       | <p>MARL BUSINESS PARK, ULVERSTON, UK. LA12 9BN<br/>Tel: +44 (0)1229 582 430. Web: www.leds.co.uk</p> |
| DECIMALS                                             | ANGULAR               |                                                                                                      |
| .X $\pm .1$                                          | $X^\circ \pm 1^\circ$ |                                                                                                      |
| .XX $\pm .02$                                        |                       |                                                                                                      |
| .XXX $\pm .010$                                      |                       |                                                                                                      |
| <h2>Provisional</h2>                                 |                       | <b>TITLE:</b><br>STD PANEL MOUNT INDICATORS                                                          |
|                                                      |                       | <b>PART NO:</b> 352 Series                                                                           |
|                                                      |                       | <b>SHEET # 1 OF 3</b>                                                                                |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.      |                       |                                                                                                      |

# 352 Series (Flying Leads version)



|                                                      |                  |                                                 |                                                                                              |
|------------------------------------------------------|------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED ) |                  |                                                 | MARL BUSINESS PARK, ULVERSTON, UK. LA12 9BN<br>Tel: +44 (0)1229 582 430. Web: www.leds.co.uk |
| DECIMALS                                             | ANGULAR          |                                                 |                                                                                              |
| .X $\pm .1$                                          | X° $\pm 1^\circ$ |                                                 | <b>TITLE:</b><br>STD PANEL MOUNT INDICATORS                                                  |
| .XX $\pm .02$                                        |                  |                                                 |                                                                                              |
| .XXX $\pm .010$                                      |                  |                                                 | <b>PART NO:</b> 352 Series                                                                   |
| Provisional                                          |                  | SHEET # 2 OF 3                                  |                                                                                              |
|                                                      |                  | CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING. |                                                                                              |

| Marl Part No. | Chip      |                  |                | Lens Appearance | Electro-Optical Data @20mA |        |     |          | Viewing Angle 2 Ø 1/2 (Deg) | LED P/N | Termination       |
|---------------|-----------|------------------|----------------|-----------------|----------------------------|--------|-----|----------|-----------------------------|---------|-------------------|
|               | Material  | Peak Wave Length | Emitted Colour |                 | If (mA)                    | Vf (V) |     | Iv (mcd) |                             |         |                   |
|               |           |                  |                |                 | MAX                        | TYP    | MAX | TYP      |                             |         |                   |
| 352-520-04    | GaN/SiC   | 430              | BLUE           | DIFFUSED        | 25                         | 4      | 4.5 | 15       | 45                          | 520     | PINS              |
| 352-520-04-40 |           |                  |                |                 |                            |        |     |          |                             |         | 12IN FLYING LEADS |
| 352-512-04    | GaP/GaP   | 568              | GREEN          | TINTED          | 30                         | 2.1    | 2.8 | 40       | 35                          | 512     | PINS              |
| 352-512-04-40 |           |                  |                |                 |                            |        |     |          |                             |         | 12IN FLYING LEADS |
| 352-505-04    | GaP/GaP   | 700              | RED            | DIFFUSED        | 20                         | 2.1    | 2.8 | 2        | 45                          | 505     | PINS              |
| 352-505-04-40 |           |                  |                |                 |                            |        |     |          |                             |         | 12IN FLYING LEADS |
| 352-509-04    | GaAsp/GaP | 590              | YELLOW         | TINTED          | 30                         | 2      | 2.8 | 40       | 35                          | 509     | PINS              |
| 352-509-04-40 |           |                  |                |                 |                            |        |     |          |                             |         | 12IN FLYING LEADS |

|                                                                                       |                             |                                                                                       |                                                                                                                                  |
|---------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )                                  |                             |  | MARL BUSINESS PARK, ULVERSTON, UK. LA12 9BN<br>Tel: +44 (0)1229 582 430. Web: <a href="http://www.leds.co.uk">www.leds.co.uk</a> |
| <u>DECIMALS</u><br>.X     ± .1<br>.XX    ± .02<br>.XXX   ± .010                       | <u>ANGULAR</u><br>X°   ± 1° |                                                                                       |                                                                                                                                  |
|  |                             | <b>TITLE:</b><br>STD PANEL MOUNT INDICATORS                                           |                                                                                                                                  |
| Provisional                                                                           |                             | <b>PART NO:</b> 352 Series                                                            |                                                                                                                                  |
|                                                                                       |                             | <b>SHEET # 3 OF 3</b>                                                                 |                                                                                                                                  |
| CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.                                       |                             |                                                                                       |                                                                                                                                  |