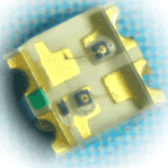
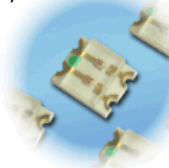
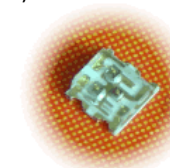
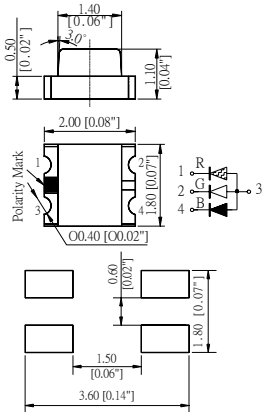
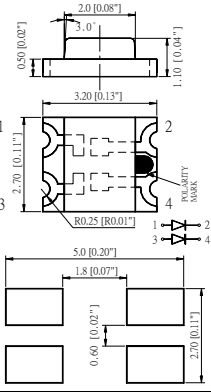
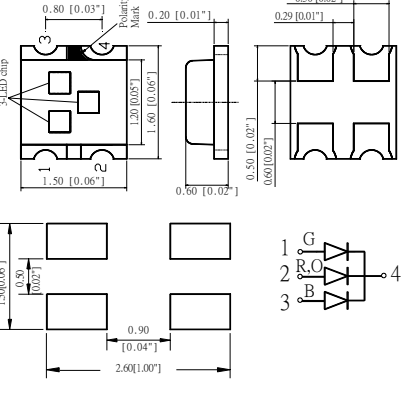


| CM1820 (0807)                                                                     |          |               |     | CM2732 (1311)                                                                     |                                 |                |                 | CM1516 (0606) SUPER THIN                                                            |                                                                                       |  |  |
|-----------------------------------------------------------------------------------|----------|---------------|-----|-----------------------------------------------------------------------------------|---------------------------------|----------------|-----------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|--|
|  |          |               |     |  |                                 |                |                 |  |                                                                                       |  |  |
| Part No.                                                                          | Material | Emitter Color | Pin | Lens Type                                                                         | Wave Length<br>$\lambda p$ (nm) | At 20mA        |                 | View Angle<br>$2\theta\frac{1}{2}$<br>(deg)                                         | Package Dimension                                                                     |  |  |
|                                                                                   |          |               |     |                                                                                   |                                 | Vf (V)<br>Typ. | Iv (mcd)<br>Min |                                                                                     |                                                                                       |  |  |
| CM1820RGABC                                                                       | ---      | Orange Red    | --- | Water Clear                                                                       | 640                             | 2.00           | 80              | 140                                                                                 |   |  |  |
|                                                                                   | ---      | Green         | --- | Water Clear                                                                       | 520                             | 3.30           | 160             | 140                                                                                 |                                                                                       |  |  |
|                                                                                   | ---      | Blue          | --- | Water Clear                                                                       | 460                             | 3.50           | 40              | 140                                                                                 |                                                                                       |  |  |
| CM2732RGC-1                                                                       | ---      | Orange Red    | 3,4 | Water Clear                                                                       | 640                             | 2.00           | 80              | 140                                                                                 |  |  |  |
|                                                                                   | ---      | Green         | 1,2 | Water Clear                                                                       | 575                             | 2.00           | 25              | 140                                                                                 |                                                                                       |  |  |
| CM2732RGC-2                                                                       | ---      | Orange Red    | 3,4 | Water Clear                                                                       | 635                             | 2.00           | 80              | 140                                                                                 |                                                                                       |  |  |
|                                                                                   | ---      | Green         | 1,2 | Water Clear                                                                       | 575                             | 2.00           | 25              | 140                                                                                 |                                                                                       |  |  |
| CM2732OGC                                                                         | ---      | Orange        | 3,4 | Water Clear                                                                       | 610                             | 3.30           | 160             | 140                                                                                 |                                                                                       |  |  |
|                                                                                   | ---      | Green         | 1,2 | Water Clear                                                                       | 460                             | 3.50           | 40              | 140                                                                                 |                                                                                       |  |  |
| CM2732GBC                                                                         | ---      | Yellow        | 3,4 | Water Clear                                                                       | 595                             | 2.00           | 80              | 140                                                                                 |                                                                                       |  |  |
|                                                                                   | ---      | Blue          | 1,2 | Water Clear                                                                       | 460                             | 3.50           | 40              | 140                                                                                 |                                                                                       |  |  |
| CM1516GRBCC                                                                       | ---      | Orange Red    | --- | Water Clear                                                                       | 640                             | 2.00           | 80              | 140                                                                                 |  |  |  |
|                                                                                   | ---      | Green         | --- | Water Clear                                                                       | 520                             | 3.30           | 160             | 140                                                                                 |                                                                                       |  |  |
|                                                                                   | ---      | Blue          | --- | Water Clear                                                                       | 460                             | 3.50           | 40              | 140                                                                                 |                                                                                       |  |  |
| CM1516GOBCC                                                                       | ---      | Orange        | --- | Water Clear                                                                       | 610                             | 2.20           | 80              | 140                                                                                 |                                                                                       |  |  |
|                                                                                   | ---      | Green         | --- | Water Clear                                                                       | 520                             | 3.30           | 160             | 140                                                                                 |                                                                                       |  |  |
|                                                                                   | ---      | Blue          | --- | Water Clear                                                                       | 460                             | 3.50           | 40              | 140                                                                                 |                                                                                       |  |  |

## NOTES:

- All dimensions are in millimeters.
- Tolerance is +/- 0.2mm unless otherwise specified
- Protruded resin under flange is 1.5mm MAX.
- Specifications are subject to change without notice.