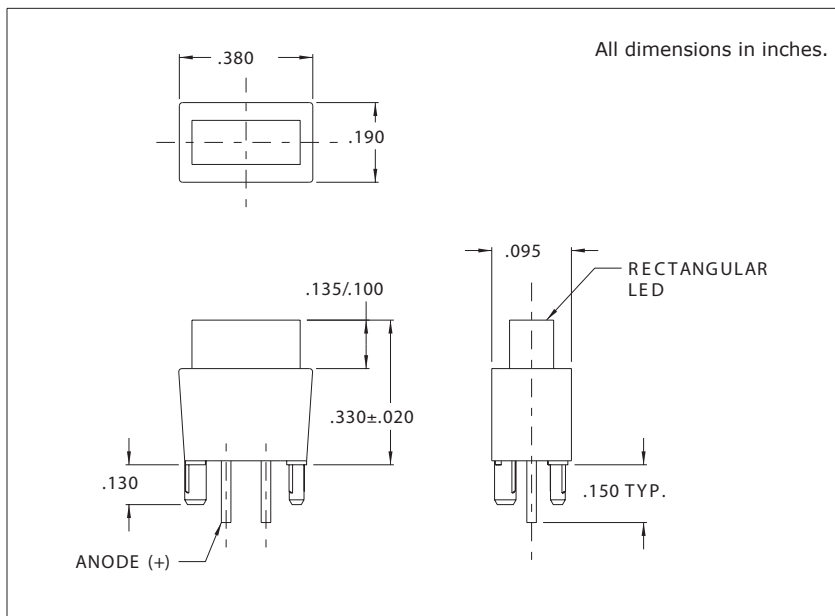


## 5612 Series Rectangular LED Assembly

### Description and Features



#### Features

- Block mounting design assures height and side-by-side spacing, alignment saves assembly costs.
- High light output-5mcd (red).
- Large 2.4mm x 7.3mm flat LED face has even light distribution.
- Diffusion lens.
- Holding/Press-in pins secure block to board while being soldered.
- Standoffs prevent flux entrapment.

Housing: Black Thermoplastic Polyester (UL94V-O)

Refer to "Mounting Hole Pattern 5.pdf"

## Electro-Optical Characteristics and Ratings

| Part Number | Emitted Color | Typical Intensity (mcd) | Rated Current (mA) | Continuous Forward Current Max. (mA) | Forward Voltage |          | Reverse Breakdown Voltage Min. (V) | Peak Wavelength (nm) | Peak Forward Current @ 1ms-300 PPS (A) |
|-------------|---------------|-------------------------|--------------------|--------------------------------------|-----------------|----------|------------------------------------|----------------------|----------------------------------------|
|             |               |                         |                    |                                      | Typ. (V)        | Max. (V) |                                    |                      |                                        |
| 5612R1      | Red           | 5                       | 20                 | 30                                   | 2.1             | 3.0      | 5                                  | 635                  | .09                                    |
| 5612R3      | Amber         | 5                       | 20                 | 30                                   | 2.2             | 3.0      | 5                                  | 600                  | .09                                    |
| 5612R5      | Green         | 3                       | 20                 | 30                                   | 2.3             | 3.0      | 5                                  | 569                  | .09                                    |
| 5612R7      | Yellow        | 5                       | 20                 | 30                                   | 2.2             | 3.0      | 5                                  | 585                  | .06                                    |