

KB1805SGC SUPER BRIGHT RED

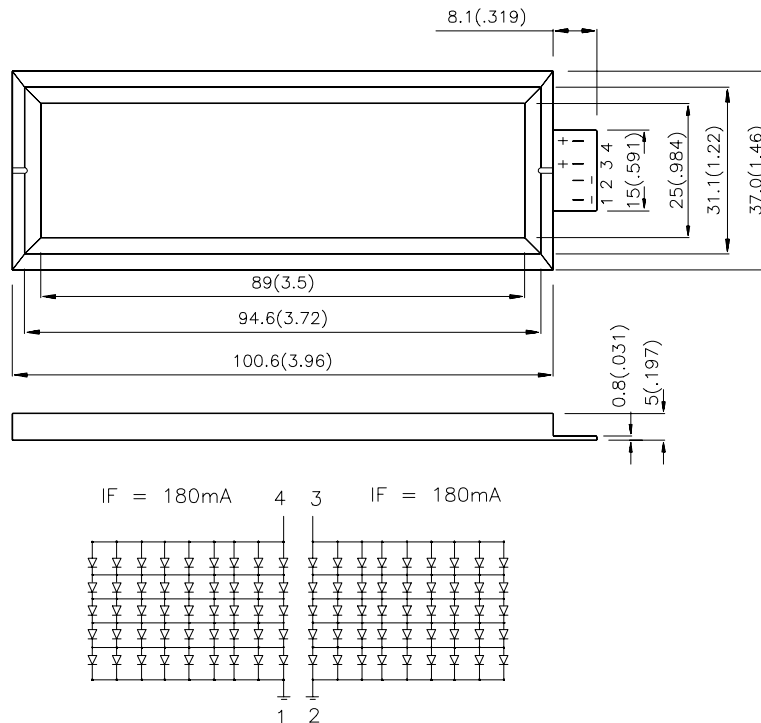
### Features

- LOW POWER REQUIREMENTS.
- LARGE AREA, UNIFORM, BRIGHT LIGHT  
EMITTING SURFACE.
- EASY FOR INSTALLATION.
- LOW POWER CONSUMPTION.

### Description

The Super Bright Green source color devices are made with Gallium Phosphide Green Light Emitting Diode.

### Package Dimensions & Internal Circuit Diagram

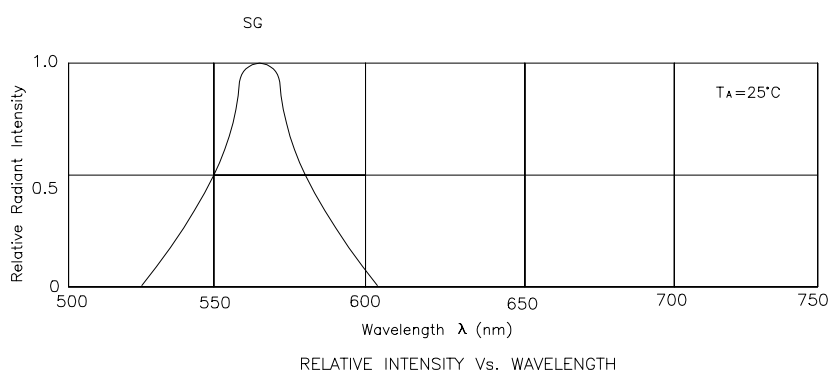


#### Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25(0.01)$  unless otherwise noted.
3. Lead spacing is measured where the lead emerge package.
4. Specifications are subjected to change without notice.

## Electrical / Optical Characteristics at T<sub>A</sub>=25°C

| Symbol                | Parameter               | Device             | Typ. | Max. | Units | Test Conditions |
|-----------------------|-------------------------|--------------------|------|------|-------|-----------------|
| $\lambda_D$           | Dominate Wavelength     | Super Bright Green | 568  | -    | nm    | IF=20mA         |
| $\Delta\lambda_{1/2}$ | Spectral Line Halfwidth | Super Bright Green | 30   | -    | nm    | IF=20mA         |
| V <sub>F</sub>        | Operating Voltage       | Super Bright Green | 11   | 11.3 | V     | IF=360mA        |
| I <sub>R</sub>        | Reverse Current         | Super Bright Green | -    | 10   | uA    | VR =12V         |
| Iv                    | Illuminance             | Super Bright Green | 370  | -    | Lux   | IF=20mA         |



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