

0.80mm Height PLCC-2 Package Top View

0.5W High Power Blue LED

Technical Data Sheet

Features:

- ◇ PLCC-2 package.
- ◇ High power LED type.
- ◇ White package.
- ◇ Optical indicator.
- ◇ Colorless clear window.
- ◇ Ideal for backlight and light pipe application.
- ◇ Inter reflector.
- ◇ Wide viewing angle.
- ◇ Very long operating life.
- ◇ Instant light (less than 100 ns).
- ◇ Designed for high current operation.
- ◇ Low thermal resistance.

- ◇ ESD protection.
- ◇ Suitable for automatic placement equipment.
- ◇ Suitable for vapor-phase reflow, Infrared reflow and wave solder processes.
- ◇ Available on tape and reel (8mm Tape).
- ◇ The product itself will remain within RoHS compliant Version.

Descriptions:

- ◇ The R2835 series is available in soft red, orange, yellow, green, blue and white. Due to the package design, the LED has wide viewing angle and optimized light coupling by inter reflector. This feature makes the SMT TOP LED ideal for light pipe application. The low current requirement makes this device ideal for portable equipment or any other application where power is at a premium.

Applications:

- ◇ Reading lights (car, bus, aircraft).
- ◇ Portable (flashlight, bicycle).
- ◇ Mini_ accent/Up lighters/Down lighters/Orientation.
- ◇ Bollards/Security/Garden.
- ◇ Cove/Under shelf/Task.
- ◇ Automotive rear combination lamps.

- ◇ Traffic signaling/Beacons/ Rail crossing and Wayside.
- ◇ Indoor/Outdoor Commercial and Residential Architectural.
- ◇ Edge_ lit signs (Exit, point of sale).
- ◇ LCD Backlights/Light Guides.