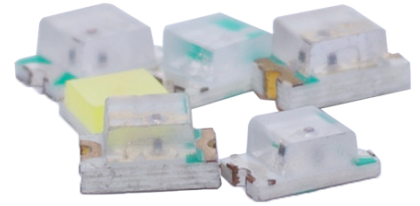




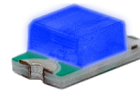
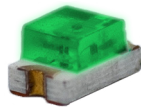
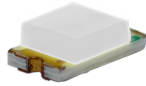
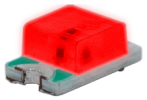
LSM0805 Series

0805 SMD LED Package

Low Profile and Small Footprint



The LSM0805 Series is a SMD0805 package (2012 metric) with a low profile, small footprint and exceptional illumination. These SMD Chip LED lamps are ideal for portable consumer electronics, backlighting and indicator applications due to its wide viewing angle.



Mounting Type

Surface Mount (SMD)

VCCs Chip LEDs are available in standard colors (red, white, green, blue and yellow) and uses the industry standard footprint.

Technology

AlGaInP and GaInP

Low profile and smallest surface mount LEDs SMD 0805 package (2012 metric) : 2.0 mm x 1.25 mm x 0.8mm footprint.

Color

Red, White, Green, Blue, Yellow

Cost-efficient solution for low-power and compact electronic equipment designs.

LED Package

0805 (2012 metric)

Exceptional illumination due to high-performance AlGaInP and GaInP light-emitting diodes (LED) technology and a wide viewing angle.

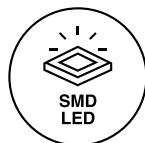
Moisture Sensitive Package

MSL3

Compatible with automatic placement equipment and available in automation-friendly tape and reel.

Compliance

RoHS, REACH



Product Specification

- Small 0805 LED package with exceptional illumination
- 2.0 mm x 1.25 mm (0805package/2012 metric) Chip SMD LED
- 0.8 mm in thickness
- Low power consumption
- Rectangle flat top LED
- Wide viewing angle (110°-120°)
- Top emitting package
- Single color: red, white, green, blue and yellow
- AlGaInP and GaInP technology
- Optimized light coupling by inter reflector
- Package: 3,000pcs / reel
- Compatible with automatic placement equipment
- Pb-free
- MSL3 moisture sensitive package
- Compliant with RoHS and REACH

Applications



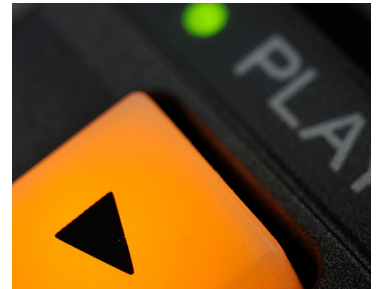
Wearable Device



Medical Device



Automotive Features



Backlit Keypads

Part Numbers

Part Numbers	Package Size	Color	Volt	MCD
LSM0805412V	0805	Red	2V	100
LSM0805543V	0805	White	3V	280
LSM0805452V	0805	Green	2V	35
LSM0805463V	0805	Blue	3V	100
LSM0805472V	0805	Yellow	2V	162

