

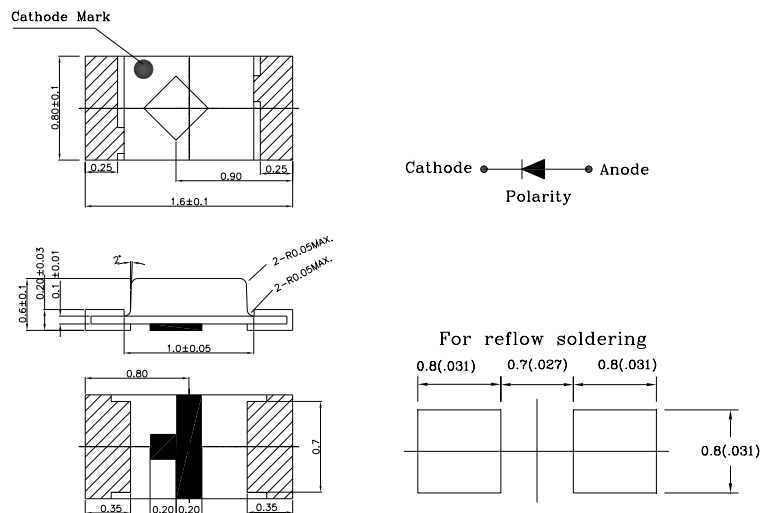
● **Features:**

1. Emitted Color : Green
2. Lens Appearance: White Diffused.
3. Mono-color type.
4. 1.6x0.8x0.6mm (0603) standard package.
5. Suitable for all SMT assembly methods.
6. Compatible with infrared and vapor phase reflow solder process.
7. Compatible with automatic placement Equipment.
8. This product doesn't contain restriction Substance, comply ROHS standard.

● **Applications:**

1. Automotive: Dashboards, stop lamps, turn signals.
2. Backlighting: LCDs, Key pads advertising.
3. Status indicators: Consumer & industrial electronics.
4. General use.

● **Package Dimensions:**



NOTES:

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.10\text{mm}$  ( $0.004''$ ) unless otherwise specified.
3. Specifications are subject to change without notice.

● **Absolute Maximum Ratings(Ta=25°C)**

Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	80	mW
Forward Current	I <sub>F</sub>	30	mA
Peak Forward Current * 1	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	5	V
Operating Temperature	Topr	-40°C~85°C	-
Storage Temperature	Tstg	-40°C~85°C	-
Soldering Temperature	Tsol	See Page6	-

\* 1 Condition for I<sub>FP</sub> is pulse of 1/10 duty and 0.1msec width.

● Electrical and optical characteristics(Ta=25°C)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V <sub>f</sub>	I <sub>F</sub> =20mA	-	2.1	2.6	V
Luminous Intensity	I <sub>v</sub>	I <sub>F</sub> =20mA	3.7	12	-	mcd
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	100	μA
Peak Wave Length	λ <sub>p</sub>	I <sub>F</sub> =20mA	-	568	-	nm
Dominant Wave Length	λ <sub>d</sub>	I <sub>F</sub> =20mA	566	-	576	nm
Spectral Line Half-width	Δλ	I <sub>F</sub> =20mA	-	30	-	nm
Viewing Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	-	120	-	deg

● Typical Electro-Optical Characteristics Curves

