

LC LED-UT-852NG: 1206 Green Dome Len Chip SMD

3.2mm x 1.6mm x 1.85mm Chip SMD (30 Degree)

PRODUCT DESCRIPTION

- (1) RoHS Compliant Part

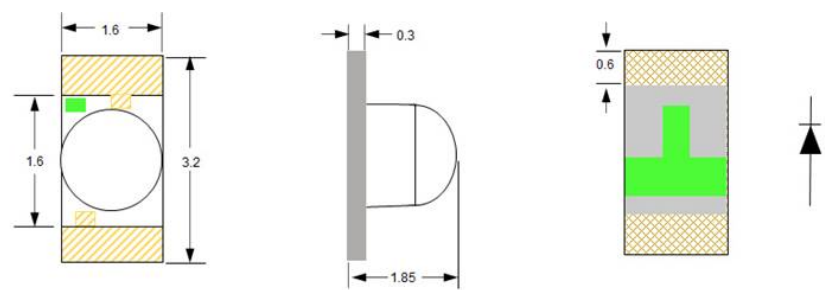
(2) SMD Assembly or Manual Soldering

(3) Moisture Sensitive Component

(4) Bin Sorted by Vf, Wavelength, Intensity

(5) Indicator and Backlighting Applications

(6) Medical and Industrial Devices



Absolute Maximum Rating (Ta = 25⁰C)

PARAMETER	MAXIMUM RATING	UNITS
DC Forward Current	30	mA
Peak Pulse Forward Current (1)	100	mA
Avg. Forward Current	30	mA
Electro-Static (ESD) Charge	2500	V
Operating Temperature	-40 to +100	⁰ C
Storage Temperature	-40 to +100	⁰ C

(1) Pulse width of 1/10 duty and 10msec width, for long operating life, max. of 20mA recommended

Electro-optical Characteristics (Ta = 25⁰C)

PARAMETER	SYMBOL	CONDITIONS	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V _F	I _F = 20mA	2.8		3.4	V
Reverse Voltage	V _R	I _R = 10mA			5	V
Dominant Wavelength	λ _D	I _F = 20mA		525		nm
Viewing Angle	2θ _{1/2}	I _F = 20mA		30		Deg.
Luminous Intensity	I _V	I _F = 20mA	2,500		4,500	mcd