

FEATURE:

- SUPER LUMINOSITY YELLOW LED (AlInGaP/GaAs).
- WATER CLEAR PACKAGE.
- 5mm ALL RESIN MOLD.
- WIDE VIEWING ANGLE.

ABSOLUTE MAXIMUM RATING: Ta = 25 °C

- POWER DISSIPATION.....120 mW
- PEAK FORWARD CURRENT..... 150 mA; 1
- CONTINUOUS FORWARD CURRENT..... 50 mA
- DERATING FACTOR 0.40 mA/°C
- REVERSE VOLTAGE..... 5 V
- OPERATING TEMPERATURE..... ; 25 TO ; 85°C
- STORAGE TEMPERATURE..... ; 35 TO ; 100°C
- SOLDERING TEMPERATURE..... 260°C / 5sec

1 Note: Duty Ratio = 1/16 ; A Pulse Width = 0.1ms

ABSOLUTE OPTICAL CHARACTERISTIC Ta= 25°C

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT
Forward Voltage	IF= 20 mA	VF		2.0	2.4	V
Luminous Intensity	IF= 20 mA	IV	1600	2000		mcd
Peak Emission Wavelength	IF= 20 mA	λp		590		nm
Spectrum Radiation Bandwidth	IF= 20 mA	Δλ		20		nm
Reverse Current	VR= 5 V	IR	10			μA
Viewing Angle		2θ 1/2		15		deg

OUTLINE DIMENSIONS

Unit (mm)

Tolerance (±0.25)

