

FEATURE:

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

ABSOLUTE MAXIMUM RATING: Ta = 25 °C

- POWER DISSIPATION..... 130 mW
 - PEAK FORWARD CURRENT..... 150 mA ; °
 - 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
- ; °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		2.1	2.6	V
Luminous Intensity	IF= 20 mA	IV	800	1000		mcd
Dominant Wavelength	IF= 20 mA	λd		573		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)

