

### FEATURE:

- SUPER LUMINOSITY YELLOW LED (*All nGaP/GaP*).
- WHITE DIFFUSED PACKAGE
- 5mm ALL RESIN MOLD.
- WIDE VIEWING ANGLE
- UV RESISTENT EPOXY.

### ABSOLUTE MAXIMUM RATING: $T_a = 25$

- POWER DISSIPATION..... 130 mW
- PEAK FORWARD CURRENT..... 100 mA
- CONTINUOUS FORWARD CURRENT..... 50 mA
- DERATING FACTOR ..... 0.40 mA/
- REVERSE VOLTAGE..... 5 V
- OPERATING TEMPERATURE..... - 25 TO + 85
- STORAGE TEMPERATURE..... - 35 TO + 100
- SOLDERING TEMPERATURE..... 260 / 5sec

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

### ABSOLUTE OPTICAL CHARACTERISTIC $T_a = 25$

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT
Forward Voltage	$I_F = 20 \text{ mA}$	$V_F$		2.3	2.6	V
Luminous Intensity	$I_F = 20 \text{ mA}$	$I_v$	400	600	1150	mcd
Dominant Wavelength	$I_F = 20 \text{ mA}$	$\lambda_d$		590		nm
Spectrum Radiation Bandwidth	$I_F = 20 \text{ mA}$	$\Delta\lambda$		20		nm
Reverse Current	$V_R = 5 \text{ V}$	$I_R$			10	$\mu\text{A}$
Viewing Angle		$2\theta$	1/2	100		deg

### OUTLINE DIMENSIONS

Unit (mm)

Tolerance ( $\pm 0.25$ )

