

April 2, 2001

FEATURE:

- SUPER LUMINOSITY YELLOW LED (All nGaP/GaAs).
- MILKY DIFFUSION PACKAGE.
- 10mm ALL RESIN MOLD.
- NARROW VIEWING ANGLE.
- UV RESISTENT EPOXY FOR OUTDOOR USE.

ABSOLUTE MAXIMUM RATING: Ta = 25 °C

- POWER DISSIPATION..... 120 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
- OPERATING HUMIDITY 0 — 90%

※ Note: Duty Ratio = 1/10 , Pulse Width = 0.1ms

ABSOLUTE OPTICAL CHARACTERISTIC Ta= 25°C

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT
Forward Voltage	I _F = 20 mA	V _F		2.0	2.40	V
Luminous Intensity	I _F = 20 mA	I _v	2000	3000		mcd
Peak Emission Wavelength	I _F = 20 mA	λ _p		590		nm
Spectrum Radiation Bandwidth	I _F = 20 mA	Δλ		20		nm
Reverse Current	V _R = 5 V	I _R			50	μA
Viewing Angle		2θ 1/2		10		deg

OUTLINE DIMENSIONS Unit (mm)

Tolerance (±0.25)

