

**FEATURE:**

- SUPER LUMINOSITY BLUE LED (InGaNSiO).
- 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 ; °
  - CONTINUOUS FORWARD CURRENT..... 30 mA
  - DERATING FACTOR ..... 0.40 mA/°C
  - REVERSE VOLTAGE..... 5 V
  - OPERATING TEMPERATURE..... ; -25 TO ; 85°C
  - STORAGE TEMPERATURE..... ; -55 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	$I_F=20\text{ mA}$ $V_F$		3.6	4.0	V
Luminous Intensity	$I_F=20\text{ mA}$ $I_v$	3600	4800	6000	mcd
Peak Emission Wavelength	$I_F=20\text{ mA}$ $\lambda_p$		470		nm
Spectrum Radiation Bandwidth	$I_F=20\text{ mA}$ $\Delta\lambda$		20		nm
Reverse Current	$V_R=5\text{ V}$ $I_R$			100	$\mu\text{A}$
Viewing Angle	$2\theta$	1/2	18		deg

**OUTLINE DIMENSIONS** Unit (mm)

Tolerance ( $\pm 0.25$ )

