

FEATURE:

- SUPER LUMINOSITY ORANGE-RED LED (AlInGaP/GaAs).
- WATER CLEAR PACKAGE.
- 5mm ALL RESIN MOLD.
- WIDE 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..... ; 85 TO ; 100°C
- SOLDERING TEMPERATURE..... 260°C / 5sec
- OPERATING HUMIDITY 0 — 90%

; °Note: Duty Ratio = 1/10 ; 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		2.0	2.40	V
Luminous Intensity	$I_F=20\text{ mA}$ I_v	1800	2200		mcd
Peak Emission Wavelength	$I_F=20\text{ mA}$ λ_p		625		nm
Spectrum Radiation Bandwidth	$I_F=20\text{ mA}$ $\Delta\lambda$		20		nm
Reverse Current	$V_R=5\text{ V}$ I_R			50	μA
Viewing Angle	2θ	1/2	15		deg

OUTLINE DIMENSIONS Unit (mm)

Tolerance (± 0.25)

