

FEATURE:

- SUPER LUMINOSITY RED-ORANGE LED(AlInGaP/GaAs).
- WATER CLEAR PACKAGE.
- 5mm T-1 3/4 ALL ROUND 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 -----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 -----90%

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

ABSOLUTE OPTICAL CHARACTERISTIC Ta= 25°C

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT
Forward Voltage	IF= 20 mA	V _F		1.90	2.40	V
Luminous Intensity	IF= 20 mA	I _V	680		1500	mcd
Domain Emission Wavelength	IF= 20 mA	λ _d		625		nm
Spectrum Radiation Bandwidth	IF= 20 mA	Δλ		20		nm
Reverse Current	VR= 5 V	I _R			50	μA
Viewing Angle		2θ _{1/2}		30		deg

OUTLINE DIMENSIONS Unit (mm)

Tolerance (±0.25)

