

FEATURE:

- SUPER LUMINOSITY 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: $T_a = 25$

- POWER DISSIPATION-----120 mW
- PEAK FORWARD CURRENT -----150 mA
- CONTINUOUS FORWARD CURRENT -----50 mA
- DERATING FACTOR0-----40 mA/
- REVERSE VOLTAGE-----5 V
- OPERATING TEMPERATURE----- - 25 TO + 85
- STORAGE TEMPERATURE----- - 35 TO + 100
- SOLDERING TEMPERATURE-----260 / 5sec
- OPERATING HUMIDITY0 ----- 90%

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

ABSOLUTE OPTICAL CHARACTERISTIC $T_a = 25$

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	880		1900	mcd
Domain Emission Wavelength	IF= 20 mA	λ_d		605		nm
Spectrum Radiation Bandwidth	IF= 20 mA	D_1		20		nm
Reverse Current	VR= 5 V	I_R			50	mA
Viewing Angle		$2q_{1/2}$		30		deg

OUTLINE DIMENSIONS Unit (mm) Tolerance (± 0.25)

