

### FEATURE:

- SUPER LUMINOSITY AMBER LED BY 9mil CHIP (AlInGaP/GaAs).
- WATER CLEAR PACKAGE.
- 5 m/m T-1 3/4 ALL ROUND RESIN MOLD.
- WIDE VIEWING ANGLE.
- UV RESISTENT EPOXY FOR OUTDOOR USE.

### ABSOLUTE MAXIMUM RATING: $T_a = 25^\circ\text{C}$

- POWER DISSIPATION -----72 mW
- PEAK FORWARD CURRENT -----100 mA ※
- CONTINUOUS FORWARD CURRENT -----30 mA
- DERATING FACTOR0 -----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 HUMIDITY0 -----90%

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

### ABSOLUTE OPTICAL CHARACTERISTIC $T_a = 25^\circ\text{C}$

PARAMETER		SYMBOL	MIN	TYP	MAX	UNIT
Forward Voltage	IF= 20 mA	$V_F$		1.90	2.40	V
Luminous Intensity	IF= 20 mA	$I_V$	1100		3200	mcd
Domain Emission Wavelength	IF= 20 mA	$\lambda_d$		590		nm
Spectrum Radiation Bandwidth	IF= 20 mA	$\Delta\lambda$		20		nm
Reverse Current	VR= 5 V	$I_R$			50	$\mu\text{A}$
Viewing Angle		$2\theta_{1/2}$		23		deg

### OUTLINE DIMENSIONS Unit (mm)

Tolerance ( $\pm 0.25$ )

