

## Features

- P-LCC-2 Package
- For use as optical indicator, backlighting
- For optical coupling into light pipes/lenses
- Suitable for most SMT assembly
- Suitable for most soldering method
- Available in reels (12mm tape)

## Absolute Maximum Ratings at $T_A=25^\circ\text{C}$

REVERSE VOLTAGE ( $<100 \mu\text{A}$ ).....	5.0 V
D.C. FORWARD CURRENT.....	30 mA
PULSE CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH).....	100 mA
OPERATING TEMPERATURE RANGE.....	-40°C TO +105°C
STORAGE TEMPERATURE RANGE.....	-40°C TO +105°C
WAVE SOLDERING TEMPERATURE.....	260°C FOR 3 SEC.

## Electrical/optical characteristics at $T_A=25^\circ\text{C}$

PART NUMBER	LED CHIP		LENS COLOR	WAVELENGTH TYP. $I_f @ 20\text{mA}$ (nm)		FORWARD VOLTAGE $@ 20\text{mA}$ (V)		LUMINOUS INTENSITY $@ 20\text{mA}$ (mcd)		VIEW ANGLE $2\theta_{1/2}$ (deg)
	MATERIAL	EMITTING COLOR		$\lambda_p$	$\lambda_d$	TYP.	MAX.	MIN.	TYP.	
LT5KP3-AA	GaP	PURE GREEN	W.C.	$555 \pm 5$	$562 \pm 5$	2.1	2.6	7	10	120
LT5KP3-AA-T01	GaP	PURE GREEN	W.C.	$555 \pm 5$	$562 \pm 5$	2.1	2.6	7	10	120

(1) LENS COLOR:

W.C.....WATER CLEAR

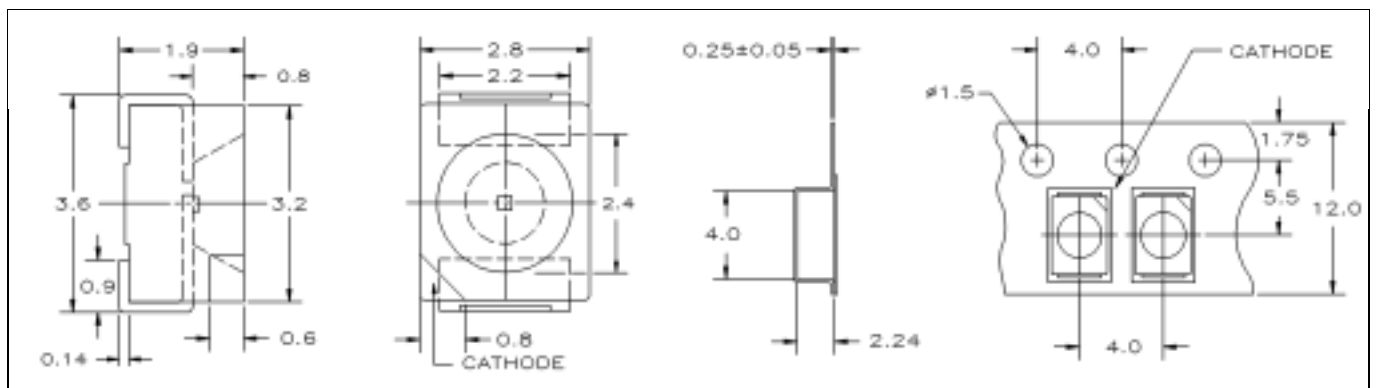
(2) LT5Kxx-xx-T01: TAPE & REELED

(3) LT5Kxx-xx: BULK PACKED

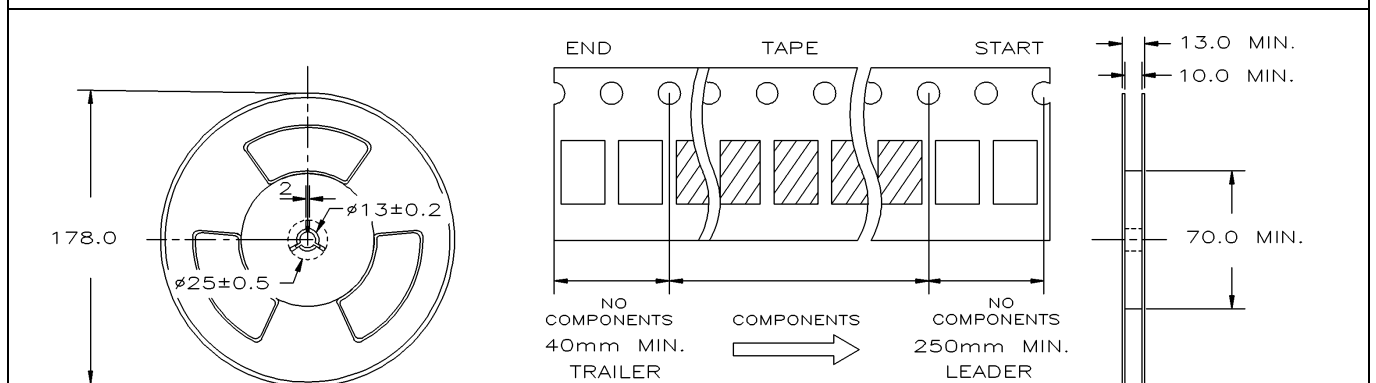
(4) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

(5) ALL ABOVE COMPONENTS ARE CONSIDERED. DEVIATIONS FROM STATED SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER BE ASSIGNED.

## Package/ Tape/ Reel Dimensions



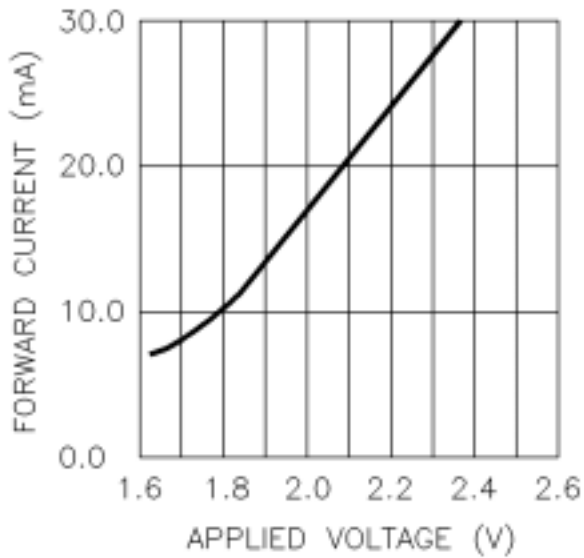
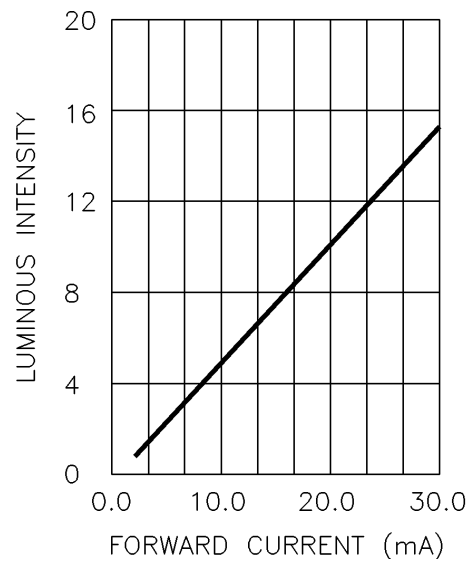
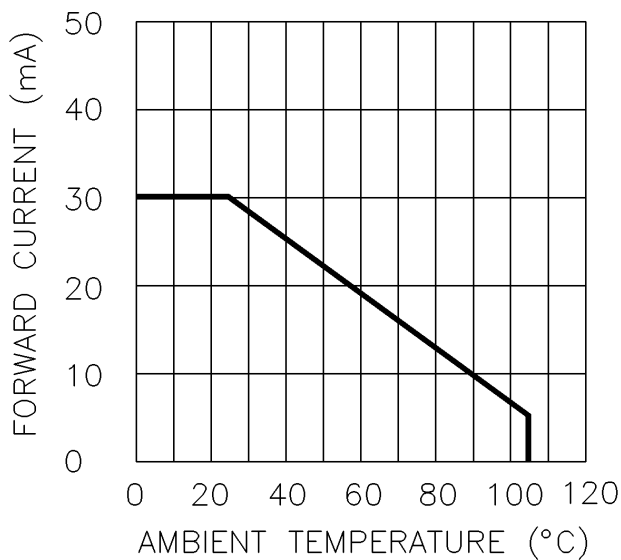
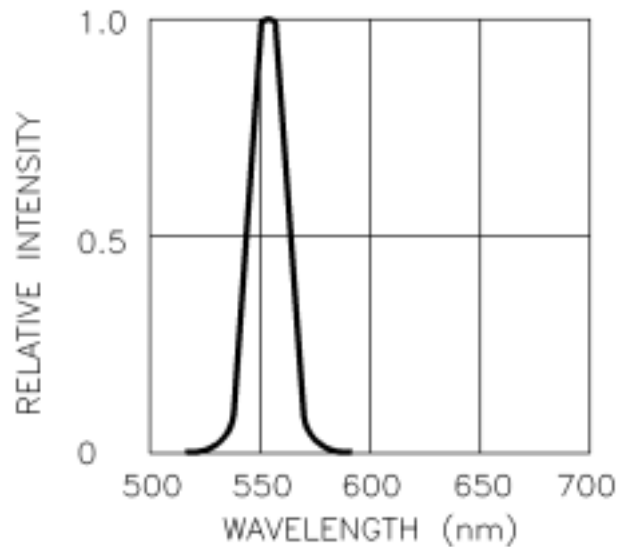
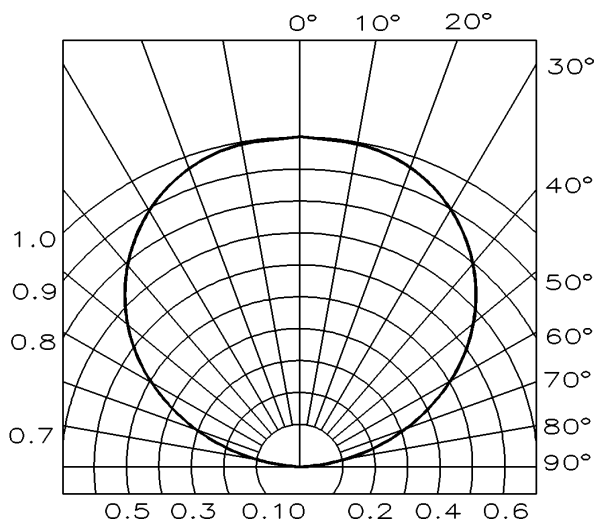
NOTE: ALL DIMENSIONS ARE IN mm, TOLERANCE IS  $\pm 0.25\text{mm}$  UNLESS OTHERWISE NOTED.



NOTE:

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS  $\pm 2.0\text{mm}$  UNLESS OTHERWISE NOTED.

2. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

**Forward Current vs. Applied Voltage**

**Luminous Intensity vs. Forward Current**

**Forward Current vs. Ambient Temperature**

**Relative Intensity vs. Wavelength**

**Radiation Pattern**

**Relative Luminous Intensity vs. Off Axis Angle**
