



# LT030X-XX

# 3.0MM ROUND BI-COLOR AND BI-POLAR LAMP (2LEADS)

## Features

- \* HIGH LIGHT OUTPUT AND UNIFORM MATCH FOR TWO COLOR
- \* LOW CURRENT REQUIREMENTS
- \* RELIABLE AND RUGGED
- \* IC COMPATIBLE

## Absolute Maximum Ratings at T<sub>A</sub>=25°C

REVERSE VOLTAGE (<100 μ A).....	5.0V
D.C. FORWARD CURRENT.....	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH).....	100 mA
OPERATING TEMPERATURE RANGE.....	-25°C TO +85°C
STORAGE TEMPERATURE RANGE.....	-25°C TO +100°C
LEAD SOLDERING TEMP. (1.6mm FROM BODY).....	260°C FOR 5 SEC.

## Electrical/optical characteristics at T<sub>A</sub>=25°C

PART NUMBER	LED CHIP		LENS COLOR	PEAK WAVELENGTH @20 mA (nm)		FORWARD VOLTAGE @20mA(V)				LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE 2 θ 1/2 (deg)
	EMITTING	COLOR		TYP.	MAX.	TYP.	MAX.	TYP.	TYP.			
LT0302-23	GREEN	YELLOW	W.D.	572	589	2.1	2.4	2.1	2.4	8.3	7.0	118
LT0302-24	GREEN	ORANGE	W.D.	572	630	2.1	2.4	2.1	2.4	8.3	9.7	118
LT0302-21	GREEN	RED	W.D.	572	700	2.1	2.4	2.1	2.4	8.3	1.8	118
LT0302-34	YELLOW	ORANGE	W.D.	589	630	2.1	2.4	2.1	2.4	7.0	9.7	118
LT0302-31	YELLOW	RED	W.D.	589	700	2.1	2.4	2.1	2.4	7.0	1.8	118
LT0301-22	GREEN	GREEN	G.D.	572	572	2.1	2.4	2.1	2.4	8.3	8.3	118
LT0301-33	YELLOW	YELLOW	Y.D.	589	589	2.1	2.4	2.1	2.4	7.0	7.0	118
LT0301-44	ORANGE	ORANGE	O.D.	630	630	2.1	2.4	2.1	2.4	9.7	9.7	118
LT0301-11	RED	RED	R.D.	700	700	2.1	2.4	2.1	2.4	1.8	1.8	118
LT0301R-44	ORANGE	ORANGE	R.D.	630	630	2.1	2.4	2.1	2.4	9.7	9.7	118

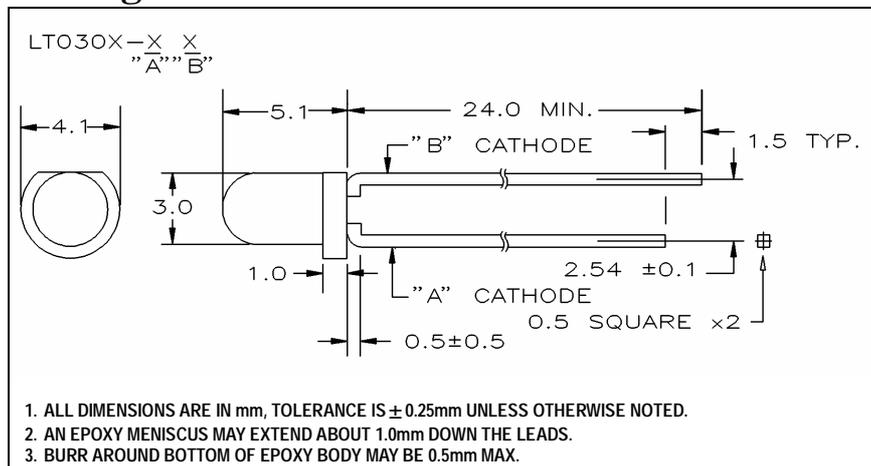
(1) LENS COLOR

- R.D .....RED DIFFUSED
- G.D .....GREEN DIFFUSED
- Y.D .....YELLOW DIFFUSED
- O.D .....ORANGE DIFFUSED
- W.D .....WHITE DIFFUSED

(2) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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

## Package Dimensions



## Radiation Pattern

