



LT240X-XX

5.0MM ROUND BI-POLAR LAMP (2 LEADS)

Features

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

Absolute Maximum Ratings at T_A=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_A=25°C

PART NUMBER	LED CHIP		LEN'S COLOR	PEAK WAVELENGTH @20 mA (nm)		FORWARD VOLTAGE @20mA(V)				LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE 2 $\theta_{1/2}$ (deg)
	EMITTING COLOR											
	TYP.	MAX.				TYP	MAX.	TYP.	TYP.			
LT2402-23	GREEN	YELLOW	W.D	567	585	2.1	2.6	2.1	3.0	8.3	7.0	120
LT2402-24	GREEN	ORANGE	W.D	567	635	2.1	2.6	2.1	3.0	8.3	9.7	120
LT2402-25	GREEN	RED	W.D	567	700	2.1	2.6	2.1	3.0	8.3	1.8	120
LT2402-34	YELLOW	ORANGE	W.D	585	635	2.1	3.0	2.1	3.0	7.0	9.7	120
LT2402-35	YELLOW	RED	W.D	585	700	2.1	3.0	2.1	3.0	7.0	1.8	120
LT2401-22	GREEN	GREEN	G.D	567	567	2.1	2.6	2.1	2.6	8.3	8.3	120
LT2401-33	YELLOW	YELLOW	Y.D	585	585	2.1	3.0	2.1	3.0	7.0	7.0	120
LT2401-44	ORANGE	ORANGE	O.D	635	635	2.1	3.0	2.1	3.0	9.7	9.7	120
LT2401-55	RED	RED	R.D	700	700	2.1	3.0	2.1	3.0	1.8	1.8	120
LT2401R-44	ORANGE	ORANGE	R.D	635	635	2.1	3.0	2.1	3.0	9.7	9.7	120

(1) LEN'S COLOR

R.DRED DIFFUSED

G.DGREEN DIFFUSED

Y.DYELLOW DIFFUSED

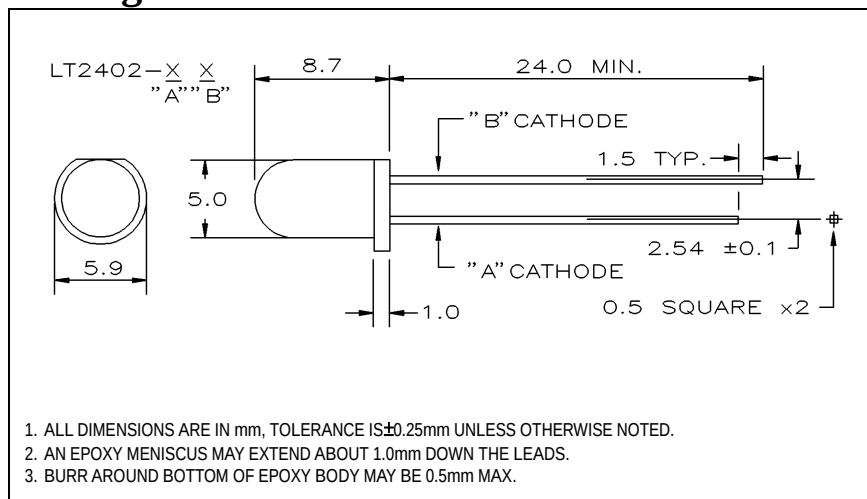
O.DORANGE DIFFUSED

W.DWHITE 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

