



LT520XE-XX 2.0X5.0MM RECTANGULAR BI-COLOR ANDBI-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_A=25°C

REVERSE VOLTAGE (<100 μ 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.....	-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 2θ 1/2 (deg)
	EMITTING	COLOR		TYP.	MAX.	TYP.	MAX.	TYP.	TYP.			
LT5202E-23	GREEN	YELLOW	W.D	567	585	2.1	2.6	2.1	3.0	15.3	12.4	92
LT5202E-24	GREEN	ORANGE	W.D	567	635	2.1	2.6	2.1	3.0	15.3	17.7	92
LT5202E-25	GREEN	RED	W.D	567	700	2.1	2.6	2.1	3.0	15.3	6.1	92
LT5202E-34	YELLOW	ORANGE	W.D	585	635	2.1	3.0	2.1	3.0	12.4	17.7	92
LT5202E-35	YELLOW	RED	W.D	585	700	2.1	3.0	2.1	3.0	12.4	6.1	92
LT5201E-22	GREEN	GREEN	G.D	567	567	2.1	2.6	2.1	2.6	15.3	15.3	92
LT5201E-33	YELLOW	YELLOW	Y.D	585	585	2.1	3.0	2.1	3.0	12.4	12.4	92
LT5201E-44	ORANGE	ORANGE	O.D	635	635	2.1	3.0	2.1	3.0	17.7	17.7	92
LT5201E-55	RED	RED	R.D	700	700	2.1	3.0	2.1	3.0	6.1	6.1	92
LT5201RE-44	ORANGE	ORANGE	R.D	635	635	2.1	3.0	2.1	3.0	17.7	17.7	92

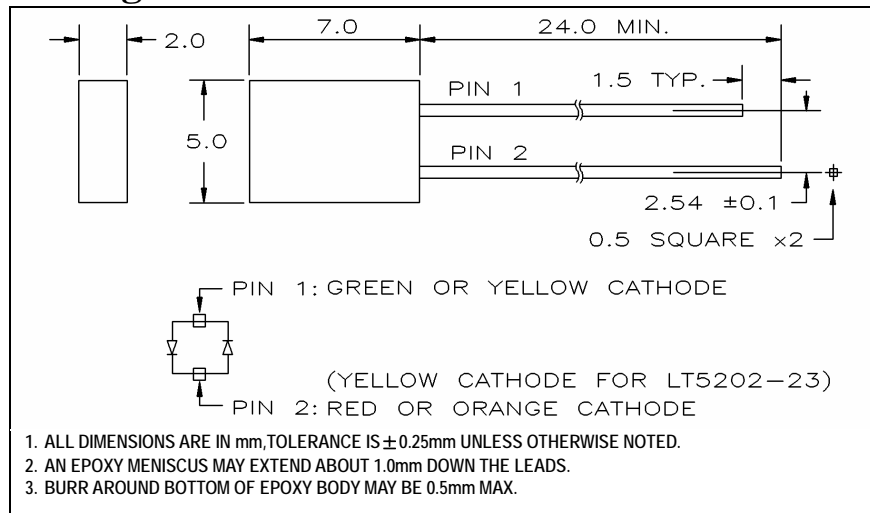
(1) LEN'S COLOR

- 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

