

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	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		FORWARD VOLTAGE @20mA(V)				LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE 2θ _{1/2} (deg)
	EMITTING	COLOR		@20mA(nm)	@20mA(nm)	@20mA(V)		@20mA(mcd)				
						TYP.	MAX.	TYP.	TYP.			
LT0362-32-D61	YELLOW	GREEN	W.C.	585	567	2.1	3.0	2.1	3.0	11.1	13.3	50
LT0362-42-D61	ORANGE	GREEN	W.C.	635	567	2.1	3.0	2.1	3.0	15.5	13.3	50
LT0362-52-D61	RED	GREEN	W.C.	700	567	2.1	3.0	2.1	3.0	2.7	13.3	50
LT0362-43-D61	ORANGE	YELLOW	W.C.	636	585	2.1	3.0	2.1	3.0	15.5	11.1	50

(1) LENS COLOR

W.C. WATER CLEAR

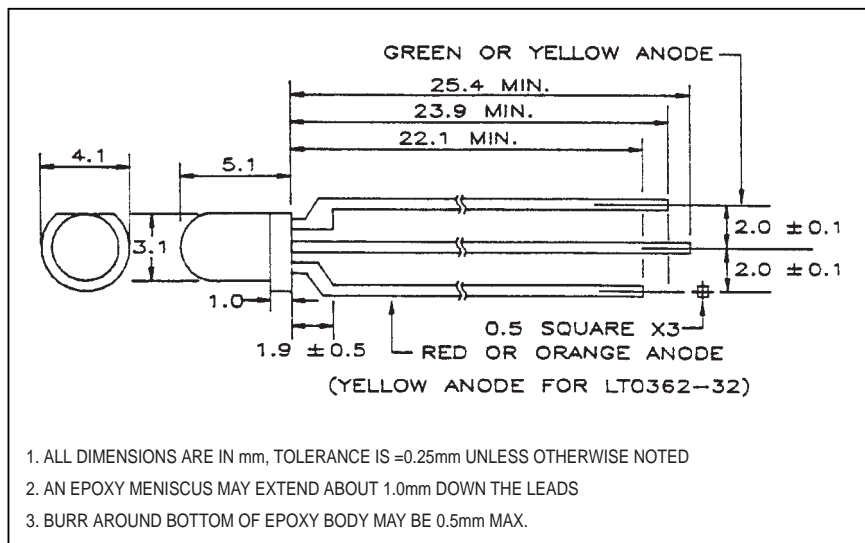
(2) SPECIFICATIONS ARE SUBJECT TO CHANGE

WITHOUT NOTICE.

(3) ALL ABOVE COMPONENTS ARE CONSIDERED.

DEVIATIONS FROM STATED SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER BE ASSIGNED.

Package Dimensions



Radiation Pattern

