



Features

- Low current requirements
- High light output
- Reliable and rugged
- IC. compatible

Recommended Maximum Ratings

Reverse voltage (S'Bright & U'Bright Red/Others)	4.0V/5.0V
D.C. forward current	30mA
Pulse current (10% duty cycle 0.1ms pulse width)	100mA
Operating temperature range	-25°C to +85°C
Storage temperature range	-25°C to +100°C
Lead soldering temperature (1.6mm from body)	+260°C for 5 secs.

(Ta=25°C)

Electrical & Optical Characteristics

Part Number	L.E.D. Chip		Lens Colour	Peak Wavelength @20mA(nm)	Forward Voltage @20mA(V)		Luminous Intensity (mcd)		View Angle 20 1/2 (deg)
	Material	Emitting Colour			TYP.	MAX.	@5mA	@20mA	
							TYP.	TYP.	
L 02 R 5000 H 1 D1	GaP	Green	Green Diffused	567	2.1	3.0	12.3	44.0	30°
L 02 R 5000 H 2 D1	GaP	Green	White Diffused	567	2.1	3.0	12.3	44.0	30°
L 03 R 5000 H 1 D1	GaAsP on GaP	Yellow	Yellow Diffused	585	2.1	3.0	10.1	36.0	30°
L 03 R 5000 H 2 D1	GaAsP on GaP	Yellow	White Diffused	585	2.1	3.0	10.1	36.0	30°
L 4R R 5000 H 1 D1	GaAsP on GaP	Hi-Eff. Red	Red Diffused	635	2.1	3.0	14.0	50.0	30°
L 04 R 5000 H 1 D1	GaAsP on GaP	Orange	Orange Diffused	635	2.1	3.0	14.0	50.0	30°
L 04 R 5000 H 2 D1	GaAsP on GaP	Orange	White Diffused	635	2.1	3.0	14.0	50.0	30°
L 05 R 5000 H 1 D1	GaP	Red	Red Diffused	700	2.1	3.0	2.5	9.0	30°
L 05 R 5000 H 2 D1	GaP	Red	White Diffused	700	2.1	3.0	2.5	9.0	30°
L 07 R 5000 H 1 D1	GaAlAs on GaAs	S'Bright Red	Red Diffused	660	1.7	2.2	162.5	650	30°
L 07 R 5000 H 2 D1	GaAlAs on GaAs	S'Bright Red	White Diffused	660	1.7	2.2	162.5	650	30°
L UR R 5000 H 1 D1	GaAlAs on GaAlAs	U'Bright Red	Red Diffused	660	1.9	2.5	325	1300	30°
L UR R 5000 H 2 D1	GaAlAs on GaAlAs	U'Bright Red	White Diffused	660	1.9	2.5	325	1300	30°

(Ta=25°C)

228-5045

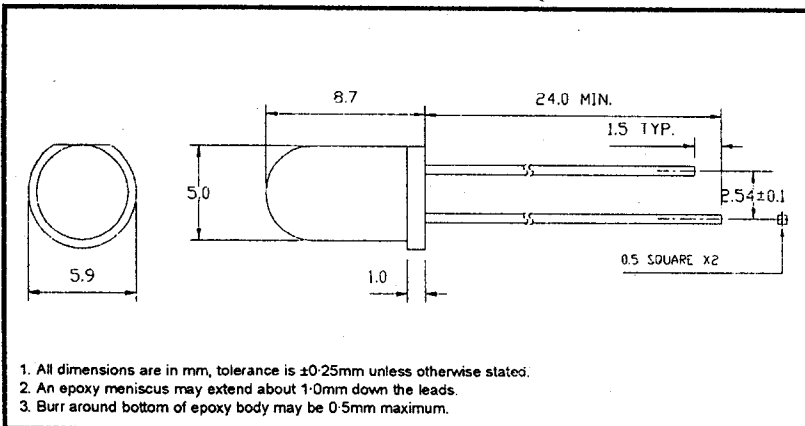
228-5051

228-5039

228-5067

228-5073

Package Dimensions



Radiation Pattern

