

Recommended Maximum Ratings

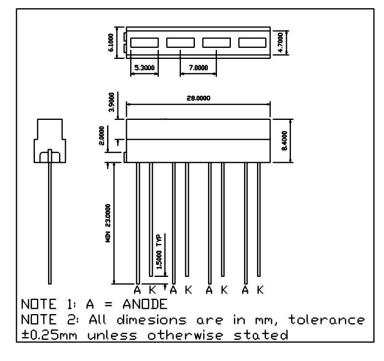
| Reverse voltage | 5·0V | | | |
|--|--------------------|--|--|--|
| D.C. forward current | 30mA | | | |
| Pulse current (10% duty cycle 0.1ms pulse width) | 100mA | | | |
| Operating temperature range | -25°C to +85°C | | | |
| Storage temperature range | -25°C to +100°C | | | |
| Lead soldering temperature (1.6mm from body) | +260°C for 5 secs. | | | |

(Ta=25°C)

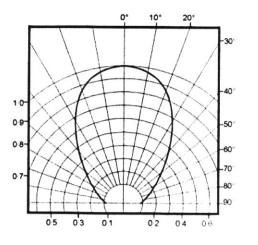
Electrical & Optical Characteristics

| L.E.D. Part Number | L.E.D. Chip | | Lens | Peak Wavelength | Forward Voltage | | Luminous Intensity | | View Angle |
|--------------------------|--------------|--------------------|--------------|--------------------|--------------------|---------------|-----------------------|----------------|---------------|
| | Material | Emitting Colour | Colour | @20mA(nm) | @20 TYP. | mA(V) MAX. | @10m MIN. | A(mcd) TYP. | 20 ½ (deg) |
| L 4R S 5318 G 1 | GaAsP on GaP | Hi-Eff. Red | Red Diffused | 635 | 2.1 | 3.0 | 1.4 | 3.6 | 74° |
| | | | | | | | | | (Ta=25 |

Package Dimensions



Radiation Pattern



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