



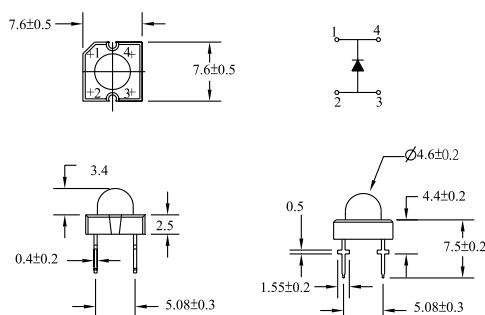
Features

- High Luminance
- High Operating Temperature
- Industry Standard 7.62 mm Square Package

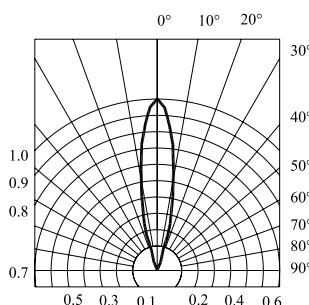
Maximum Ratings at TA = 25°C

| | |
|---|-------------------|
| Reverse Voltage (<100μA) | : 5V |
| DC Forward Current | : 30mA |
| Pulse Current (Pulse Width of 0.1ms, 1/10 Duty Cycle) | : 100mA |
| Operating and Storage Temperature Range | : -40°C to +100°C |
| Soldering Temperature Dip Soldering | : 260°C for 5s |
| Soldering Temperature Hand Soldering | : 350°C for 3s |

Diagram



Radiation Diagrams



Electrical and Optical Characteristics at TA = 25°C

| LED Chip | | | Lens Colour | Dominant Wavelength (nm) at 20mA | Luminous Intensity (mcd) at 20mA | | Forward Voltage (V) at 20mA | | Viewing Angle 2θ1/2 (°) | Part Number |
|------------|-----------------|------------|-------------|----------------------------------|----------------------------------|-------|-----------------------------|------|-------------------------|-------------|
| Material | Emitted Colours | Brightness | | | Min. | Typ. | Typ. | Max. | | |
| A1GaInP/Si | Hyper Red | Mega | Water Clear | 625 | 4,800 | 8,000 | 2.1 | 2.6 | 20 | 703-0024 |

- Notes: 1. Tolerance of Luminous Intensity is 15%
 2. Tolerance of Forward Voltage is 0.1V
 3. Tolerance of Dominant Wavelength is 1nm

Dimensions : Millimetres

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