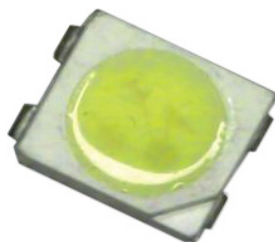


SMD Super Bright LED



Features:

- Standard PLCC-4 Package
- High Reliability LED Package
- Super Wide Viewing Angle

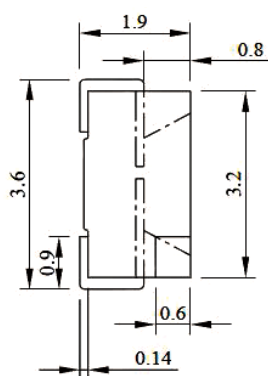
Note: Electrical connections for all cathodes recommended

Maximum Ratings at $T_A = 25^\circ\text{C}$

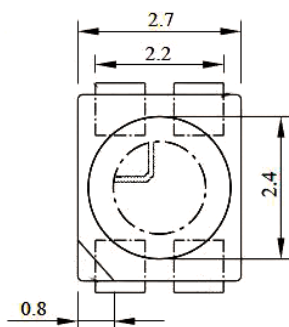
| | |
|---|--|
| Reverse Voltage (<100 A) | : 5V |
| D.C. Forward Current | : 30mA |
| Pulse Current (Pulse Width of 0.1ms, 1/10 Duty Cycle) | : 100mA |
| Operating Temperature Range | : -25°C to $+85^\circ\text{C}$ |
| Storage Temperature Range | : -40 to $+100$ C |
| Soldering Temperature Dip Soldering | : 260°C for 5 secs |
| Soldering Temperature Hand Soldering | : 350°C for 3 secs |

Electrical & Optical Characteristics at $T_A=25^\circ\text{C}$

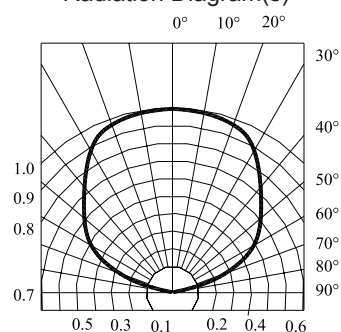
| LED Chip | | | Lens Colour | Dominant Wavelength (nm) at 20mA | Luminous Intensity (mcd) at 20mA | | Forward Voltage (V) at 20mA | | Viewing Angle $2\theta_{1/2}$ (deg) |
|------------|----------------|------------|-------------|----------------------------------|----------------------------------|------|-----------------------------|------|-------------------------------------|
| Material | Emitted Colour | Brightness | | | min. | typ. | typ. | max. | |
| A1GaInP/Si | Red | Mega | Water Clear | 625 | 200 | 420 | 2.1 | 2.6 | 120 |



Dimensions : Millimetres



Radiation Diagram(s)



Part Number Table

| Description | Part Number |
|---|-------------|
| LED 3.2mm \times 2.7mm \times 1.9mm SMD Hyper Red | OVS-3008 |

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