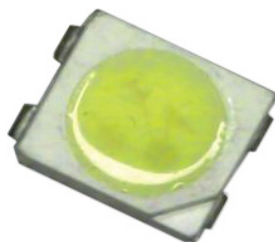


SMD Super Bright LED



Features:

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

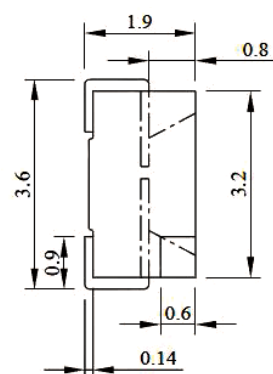
Note: Electrical connections for all cathodes recommended

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

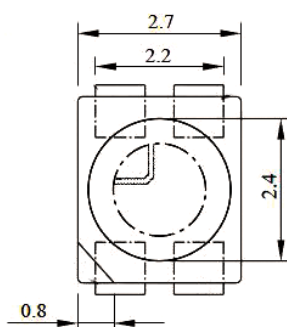
Reverse Voltage (<100 A)	: 5V
D.C. Forward Current	: 30mA
Pulse Current (Pulse Width of 0.1ms, 1/10 Duty Cycle)	: 100mA
Operating Temperature Range	: -25°C to $+85^\circ\text{C}$
Storage Temperature Range	: -40 to $+100$ C
Soldering Temperature Dip Soldering	: 260°C for 5 secs
Soldering Temperature Hand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

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

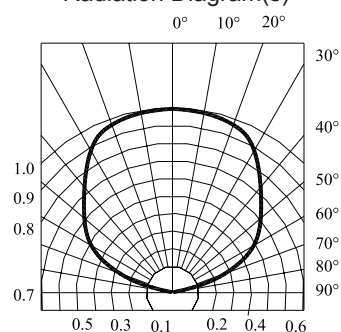
LED Chip			Lens Colour	Dominant Wavelength (nm) at 20mA	Luminous Intensity (mcd) at 20mA		Forward Voltage (V) at 20mA		Viewing Angle $2\theta_{1/2}$ (deg)
Material	Emitted Colour	Brightness			min.	typ.	typ.	max.	
A1GaInP/Si	Red	Mega	Water Clear	625	200	420	2.1	2.6	120



Dimensions : Millimetres



Radiation Diagram(s)



Part Number Table

Description	Part Number
LED 3.2mm × 2.7mm × 1.9mm SMD Hyper Red	OVS-3008

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