

SMD Super Bright LED



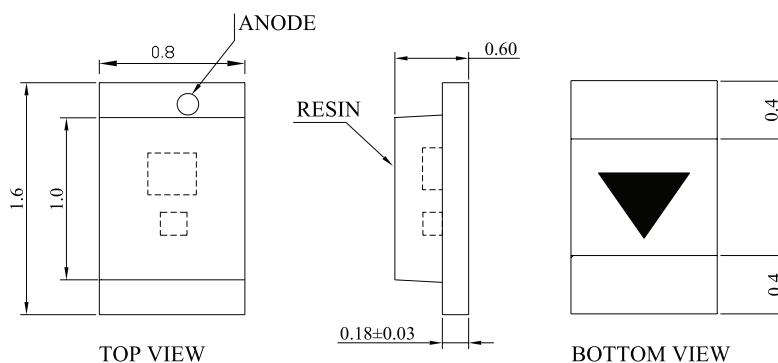
Features:

- Small 0603 Footprint
- Very Wide Viewing Angle

Specifications:

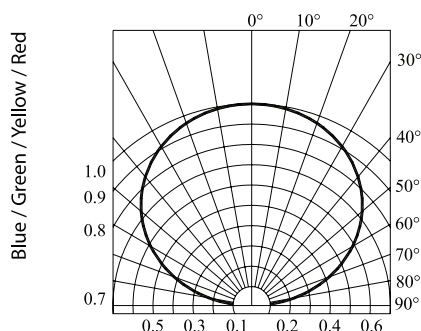
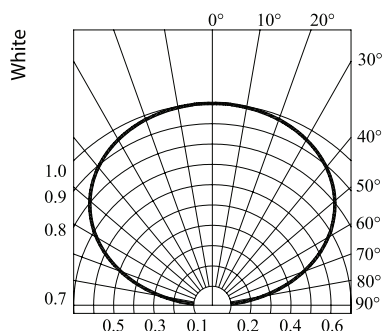
Bulb Size	: 0.8mm × 1mm
LED Colour	: Red
Luminous Intensity	: 300mcd
Viewing Angle	: 130°
Forward Voltage	: 2.1V
LED Mounting	: SMD
Lens Shape	: Rectangular
Dominant Wavelength	: 625nm
Forward Voltage VF Max	: 2.6V
LED / Lamp Size	: 0603
LED Type	: Standard
Lens Style	: Water Clear
Material	: A1GaInP/Si
No. of Pins	: 2

OVS-06 Series



Dimensions : Millimetres

Radiation Diagram(s)



Maximum Ratings at Ta = 25°C

Reverse Voltage (<100μA)	: 5V
D.C. Forward Current	: 30mA
Pulse Current (Pulse Width of 0.1ms, 1/10 Duty Cycle)	: 80mA
Operating Temperature Range	: -30°C to +80°C
Storage Temperature	: -40°C to +85°C
Soldering Temperature Reflow Soldering	: 260°C for 10 secs.

Electrical & 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 2θ ^{1/2} (deg)
Material	Emitted Colour	Brightness			min.	typ.	typ.	max.	
A1GaInP/Si	Red	Mega	Water Clear	625	165	300	2.1	2.6	130

Part Number Table

Description	Part Number
LED 0603 Super Bright Red	OVS-0608

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