

SMD Super Bright LED

Right Angle Surface Mount LED

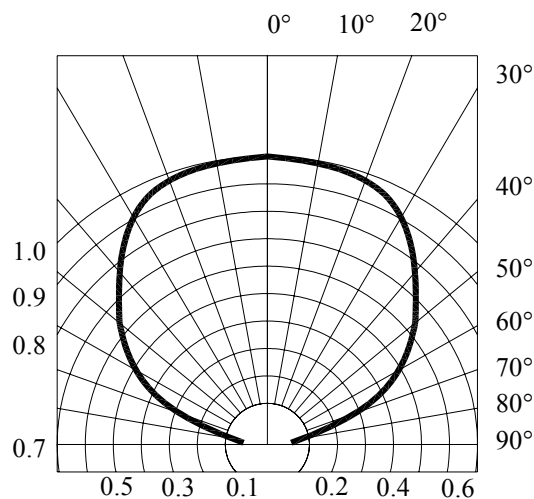
Features:

- Side Emitting LED
- Wide Viewing Angle
- Low Profile Package

Maximum Ratings at Ta=25°C

Reverse Voltage (<100μA) 5.0V
D.C. Forward Current 30mA
Pulse Current 100mA
(Pulse Width of 0.1ms, 1/10 Duty Cycle)
Operating Temperature Range .. -25 to +85°C
Storage Temperature Range -40 to +100°C
Soldering Temperature 260°C for 5 secs
(Reflow Soldering)

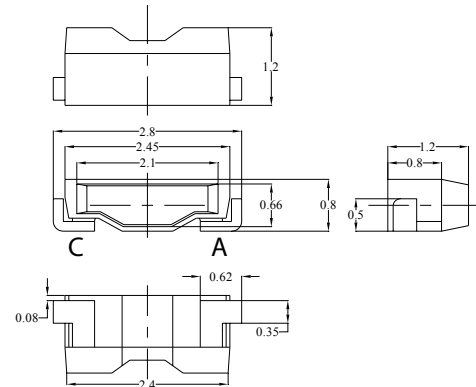
Radiation Diagram(s)



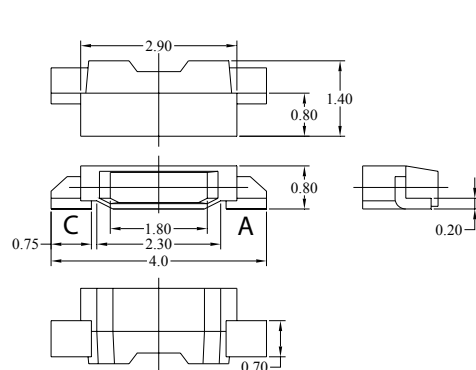
Electrical & Optical Characteristics at Ta=25°C

Ant Part No.	LED Chip	Lens Colour	Co-Ordinates for CIE Chromaticity at 20mA		Luminous Intensity (mcd) at 20mA		Forward Voltage (V) at 20mA		Viewing Angle 2θ-1/2(deg)
	Material		X Axis	Y Axis	min.	max.	typ.	max.	
OVS-2101	InGaN/ Sapphire	Water Clear	0.31	0.30	900	1300	3.2	4.0	120
OVS-4101	InGaN/ Sapphire	Water Clear	0.31	0.30	900	1300	3.2	4.0	120
OVS-4201	InGaN/ Sapphire	Water Clear	0.31	0.30	700	1100	3.2	4.0	120

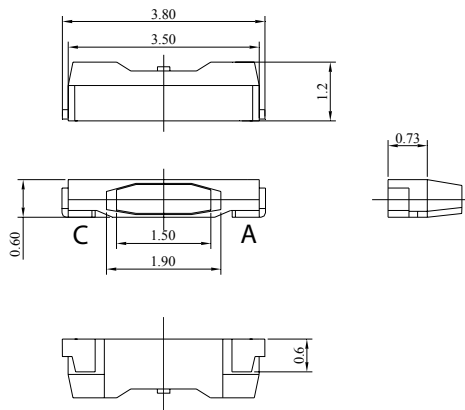
OVS 2101



OVS 4101



OVS 4201



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