

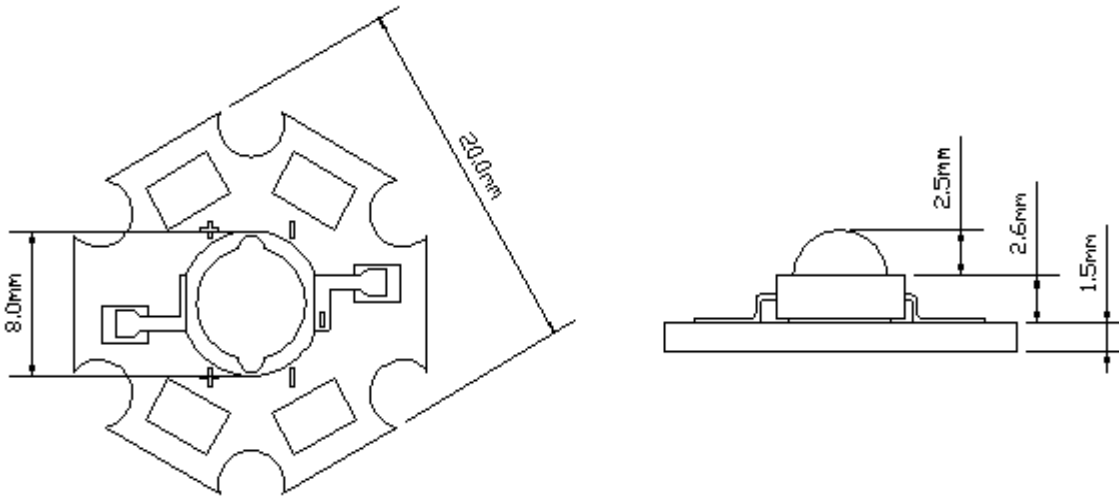


Snowdragon Industrial Co.,Ltd

DATA SHEET

PART NUMBER	REV	PAGE	DATE
SD-P03V34101	R101	1/2	2009-4-2

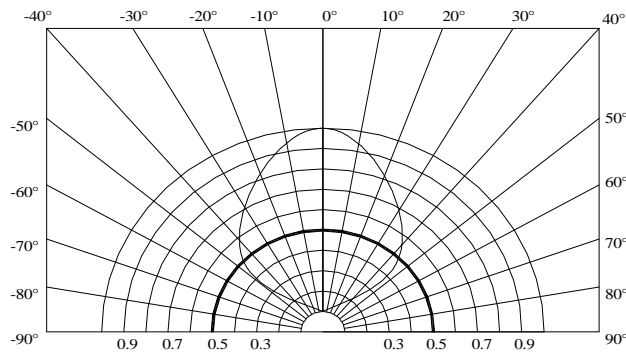
Package Dimensions



Notes

1. All dimensions are in millimeters (mm).
2. Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.

Spatial Distribution



SPECIFICATION FOR APPROVAL

Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	Po	100	150	200	mW	IF = 350mA
Viewing Angle	2 θ 1/2	115	120	125	deg	IF = 350mA
Dominant Wavelength	Tc				K	IF = 350mA
Spectral Line Half-Width	Δ λ	395	400	405	nm	IF = 350mA
Forward Voltage	VF	3.2	3.5	3.8	V	IF = 350mA
Reverse Current	IR			20	μ A	VR = 5V

Absolute Maximum Ratings at TA=25°C

Parameter	Maximum Rating
Power Dissipation	1W
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	1000mA
Continuous Forward Current	350mA
Reverse Voltage	5V
Operating Temperature Range	-20°C to + 60°C
Storage Temperature Range	-20°C to + 60°C
Lead Soldering Temperature [1.6mm(.063") From Body]	260°C for 5 Seconds
