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Good quality & Fast delivery

## Snowdragon Industrial Co.,Ltd

### DATA SHEET

**MODEL N.O.: SDUV5W405-RJ-A**

**ENG. N.O.: 12021607**

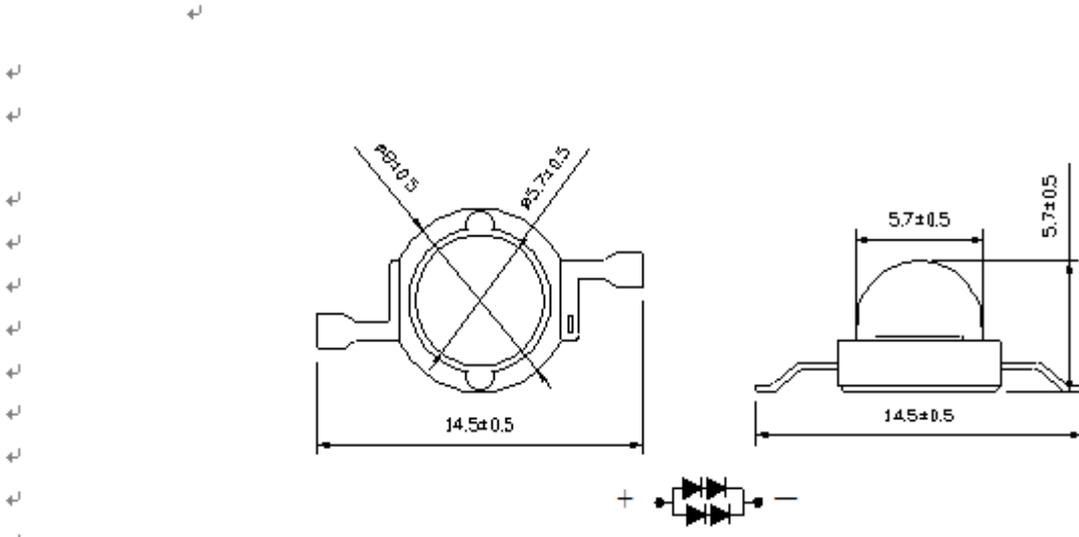
PREPARED BY	CHECKED BY	APPROVED BY
CUSTOMER APPROVED SIGNATURES		



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● Package Dimensions

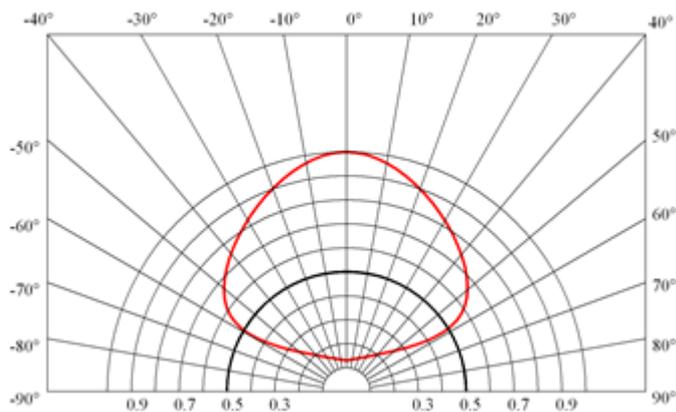


Dimension (mm)

Notes

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25\text{mm}$  (0.010") unless otherwise noted.
3. Protruded resin under flange is  $1.0\text{mm}$  (0.04") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specifications are subject to change without notice.

● Spatial Distribution



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**●Electrical / Optical Characteristics at TA=25°C**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	$\phi$	8	10	12	Lm	IF =700mA
Viewing Angle	2 $\theta$ 1/2	110	120	130	deg	IF =700mA
<u>DominantWavelength</u>	<u>wl</u>	400	405	410	nm	IF =700mA
Forward Voltage	<u>vF</u>	6.5	7.0	7.5	V	IF =700mA
Reverse Current	IR	0		10	<u>uA</u>	IF =700mA

**●Absolute Maximum Ratings at TA=25°C**

Parameter	Maximum Rating
Power Dissipation	5W
Peak Forward Current(1/10 Duty Cycle, 0.1ms Pulse Width)	1500mA
Continuous Forward Current	700mA
<u>Derating Linear From 30°C</u>	0.07mA/°C
Reverse Voltage	5V
Operating Temperature Range	-20°C to + 80°C
Storage Temperature Range	-30°C to + 100°C
Lead Soldering Temperature [1.6mm(.063") From Body]	260°C for 5 Seconds

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