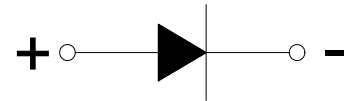
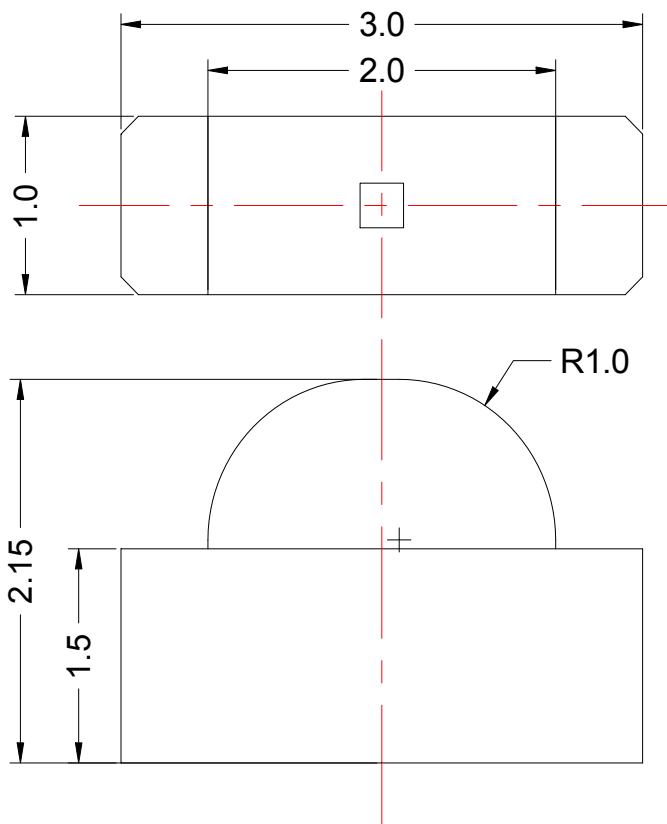




Wen Li	Fang Yang	Jiang Yang	Fang Wang



Tolerance: 0.25(0.01)



Unit mm

Color Pre Green

Lens-color Water clear

Emitting Material InGaN

Drawing by Polia ion



3 Characteristics

Forward current	If		30			mA
Reverse voltage	Vr		5			V
Power dissipation	Pd		110			mW
Operating temperature range	Top		-25 +80			C
Storage temperature range	Tg		-30 +80			C
Peak pulsed current 1/8 d f=1KH	Ifp		125			mA
Wavelength at peak emission	If=20mA	peak	515	520	525	nm
Spectral half bandwidth	If=20mA			10		
Forward voltage	If=20mA	Vf	3.0		3.8	V
Luminous intensity	If=20mA	I	100	175	250	mcd
Viewing angle at 50% IV	If=10mA		--	120	--	Deg
Reverse current	Vr=5V	Ir	--	--	5	A



U ef I life

-

IF=20mA

100000

H

Typical Electrical/Optical Characteristics Curve
(Ta=25 °C unless otherwise noted)

If(mA)

100

80

60

40

20

0

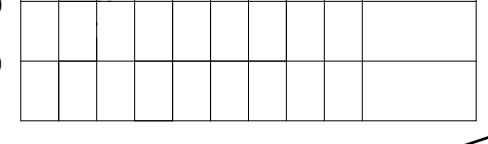


Fig.1 Forward Current vs Forward Voltage

IV

500%

400%

300%

200%

100%

0

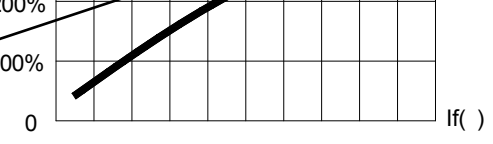


Fig.2 Relative Luminous Intensity vs Forward Voltage

2.0

1.0

0.5

0.1

0

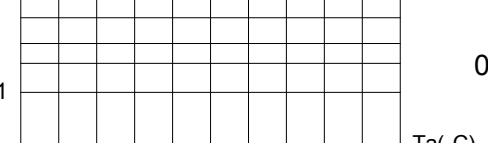


Fig.3 Relative Luminous Intensity vs Ambient Temperature

If(mA)

100

80

60

40

20

0

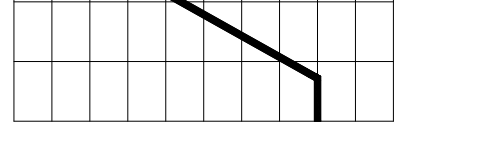


Fig.5 Maximum Forward Current vs Ambient Temperature

IV

1.2

0.8

0.4

0

0

400

450

500

550

600

650

700

0

400

450

500

550

600

650

700

0

400

450

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