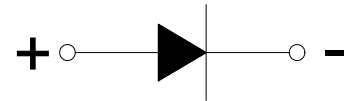
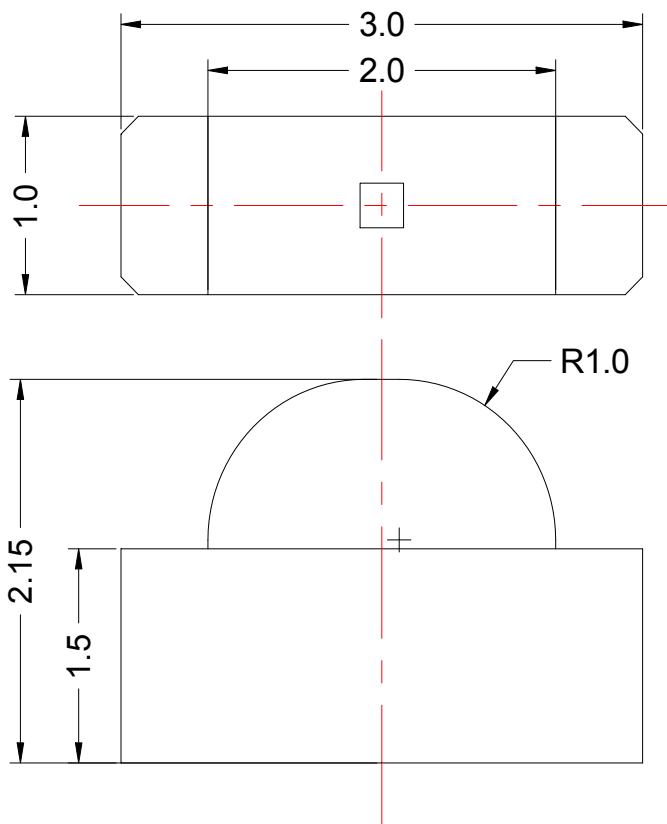




Wen Li	Fang Yang	Jiang Yang	Fang Wang



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

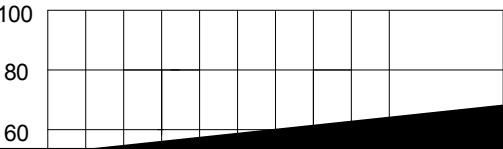


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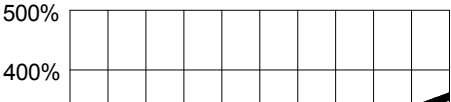
U ef I life	-	IF=20mA	100000			H
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T pical Elec rical/Op ical Chara eri ic C r e
(Ta=25 Unle O her i e No ed)

If(mA)



IV



RED

40

20

0

2.0

1.0

0.5

0.1

0

a(C)

0

Fig.3

pera re

If(m

100

80

60

40

20

0

80 100

Fig.

Ambien Tempera re

