



# BRIGHT LED ELECTRONICS CORP.

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 Revision: 1.1

Device Number : BPD-RQ09DV-1

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2002.02.25	1.0	1.0	1.0	1.0	1.0														Initial Released
2002.05.16	1.1	1.1	1.0	1.0	1.0														Date, I.

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## 佰鴻工業股份有限公司

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Approved	Drawn
 陳志偉 2002.05.15	 鄧燕 2002.05.15

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●Absolute Maximum Rating( $T_a=25$  )

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Item	Symbol	Rating	Unit
Power Dissipation	Pd	75	mW
Operating Temperature	Topr	-45 +85	
Storage Temperature	Tstg	-45 +100	
Soldering Temperature(*1)	Tsol	250	

(\*1)、 For 5 Sec

●Electrical And Optical Characteristics( $T_a=25$  )

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Open Circuit Current	Voc	Ee=0.5mW/cm <sup>2</sup>	—	350	—	mV
Reverse Dark Current	Id	Vr=10V, Ee=0mW/cm <sup>2</sup>	—	—	30	nA
Reverse Light Current	IL	Vr=5V, Ee=5mW/cm <sup>2</sup>	—	2.0	—	μA
Reverse Break Down Voltage	Vr	Ir=100 μ A, Ee=0mW/cm <sup>2</sup>	35	—	—	V
Rise Time	Tr	Vr=10V, RL=1K	—	50	—	ns
Fall Time	Tf		—	50	—	ns
Total Capacitance	Ct	R=3V, Vf=1MHz, Ee=0mW/cm <sup>2</sup>	—	25	—	pF

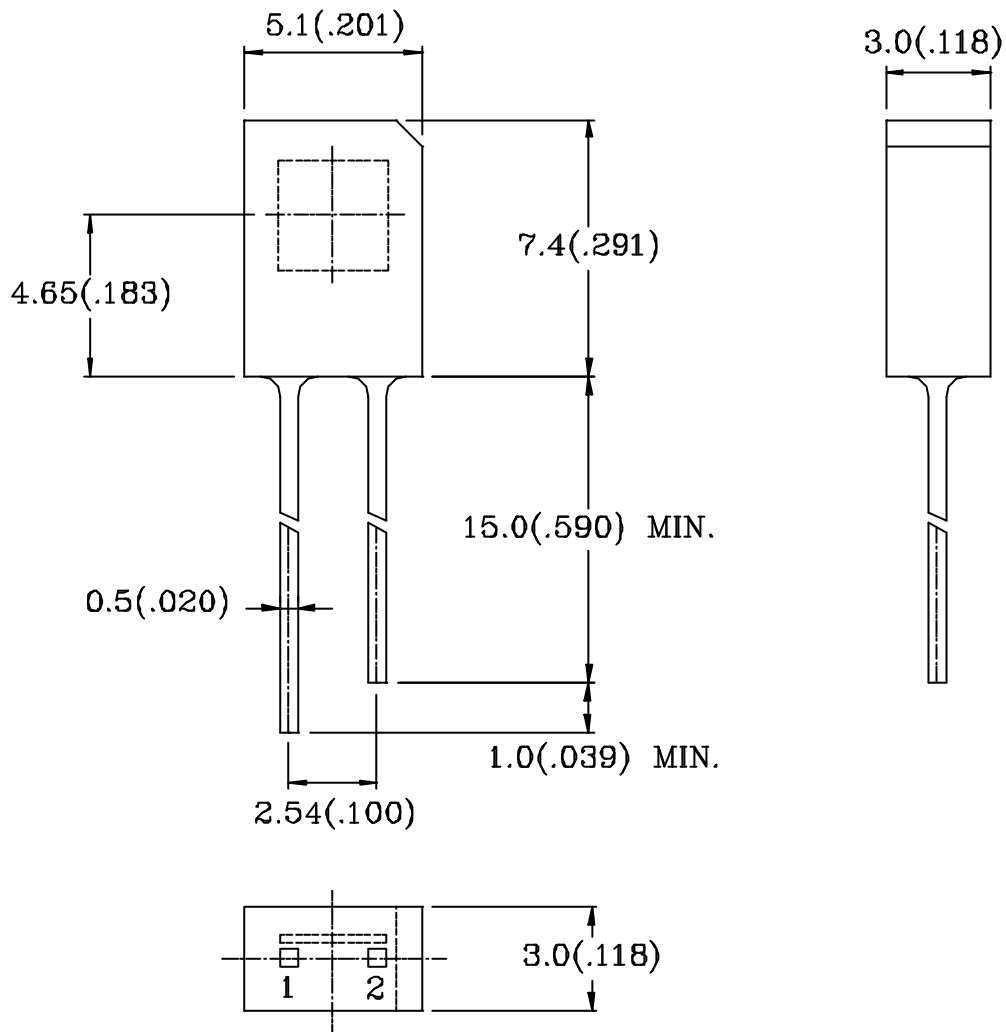
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●Dimensions

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1. Anode
2. Cathode

## Notes:

1. All dimensions are in millimeters(inches).
2. Tolerance is  $\pm 0.25\text{mm}(0.01'' )$  unless otherwise specified.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.

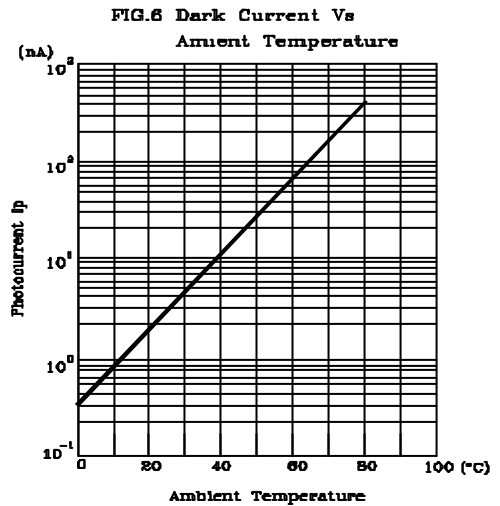
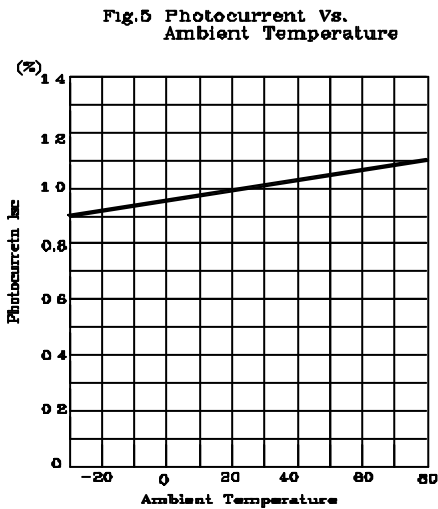
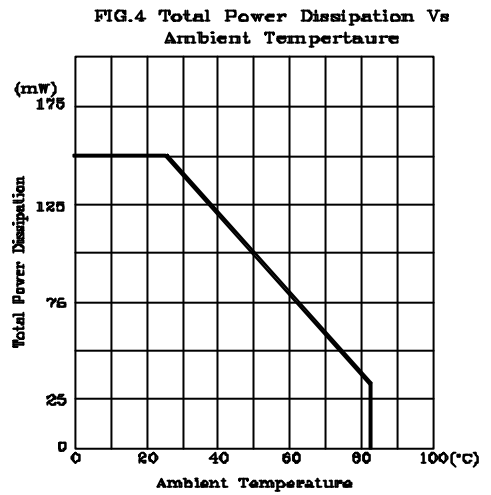
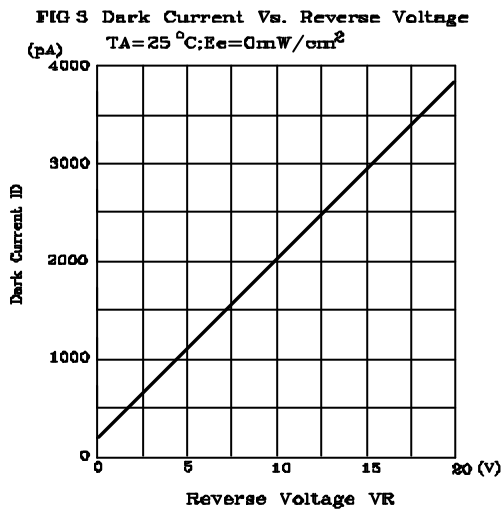
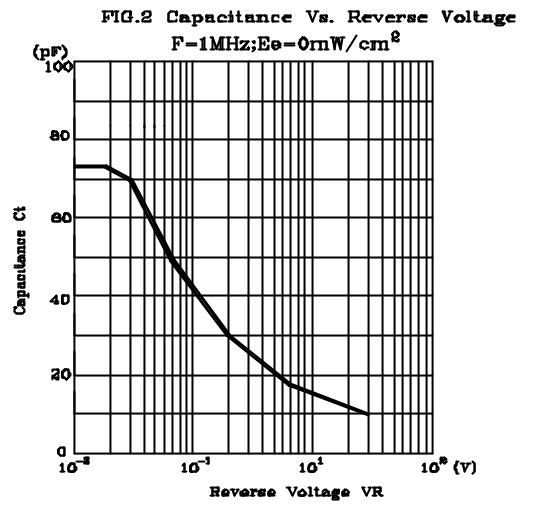
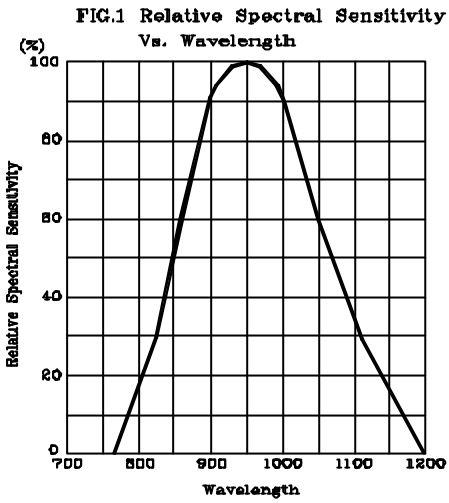
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● Electrical And Optical Curves(Ta=25)

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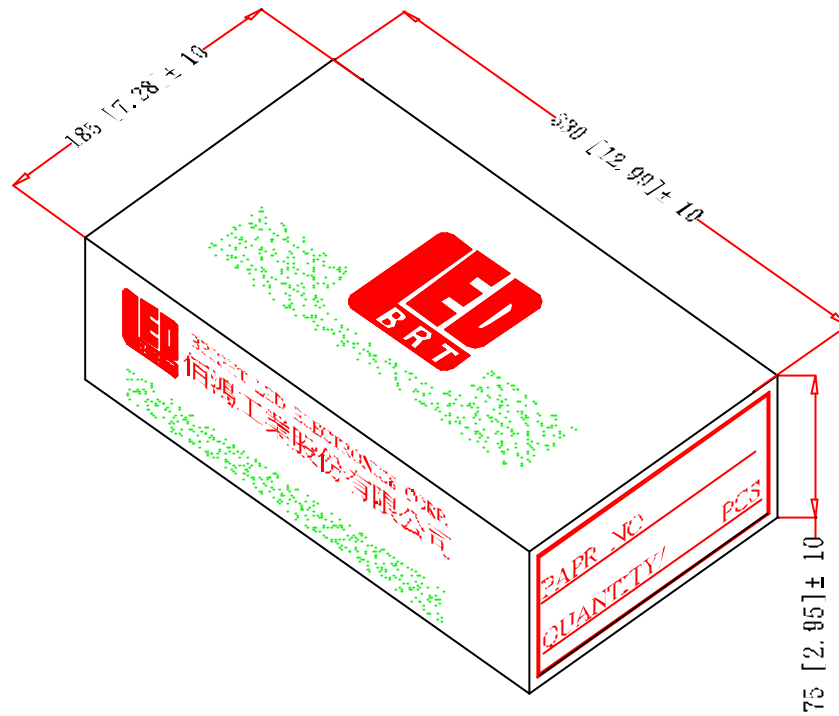
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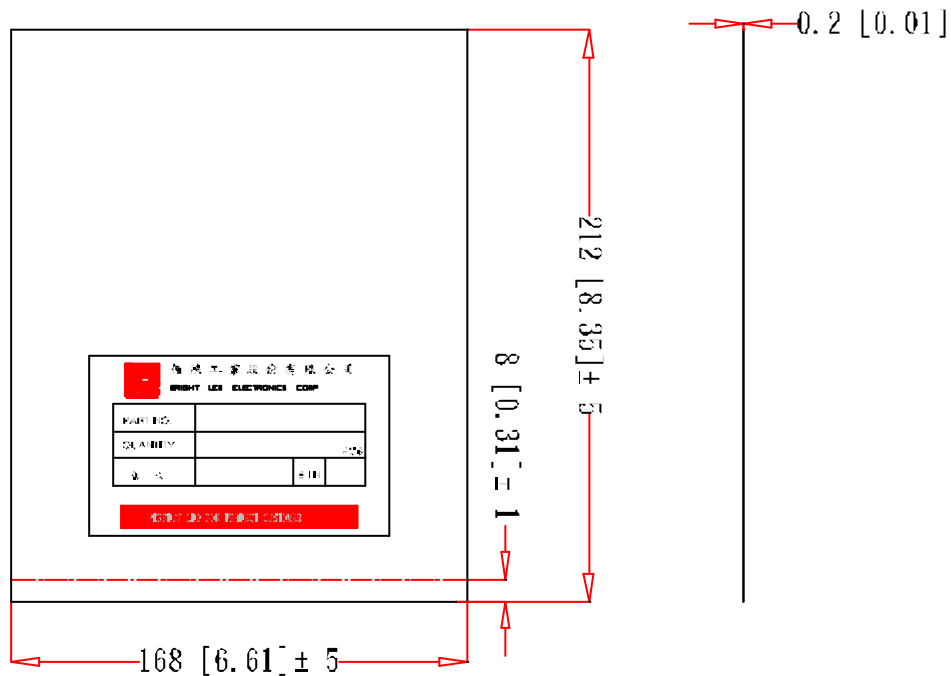
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●Packaging Box Dimensions

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●Packaging Bag Dimensions



Notes:

- 1、1Kpcs per bag, 8Kpcs per box.
- 2、All dimensions are in millimeters(inches).
- 3、Specifications are subject to change without notice.