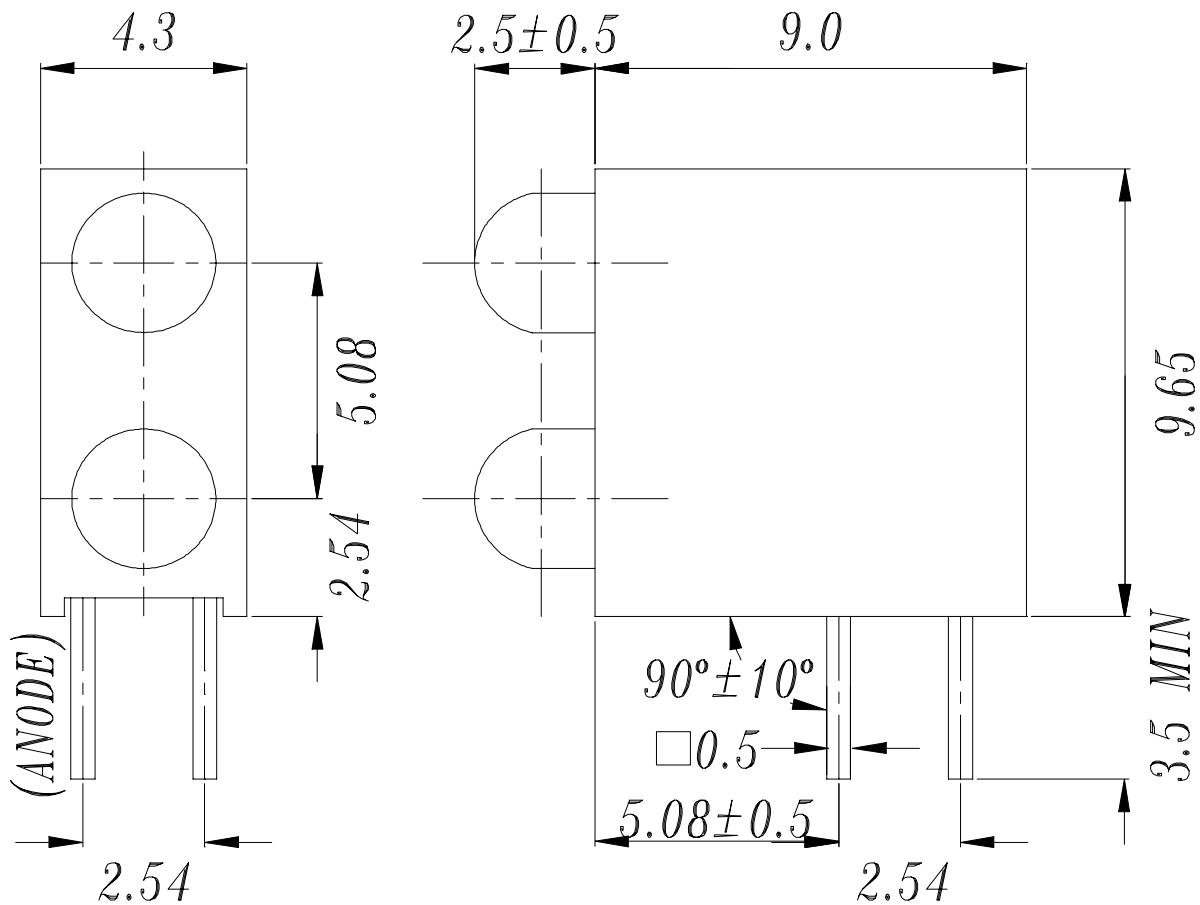


## ■ Package Dimension:



## ■ Notes:

1. All dimensions are in millimeters, tolerance is 0.25mm except be specified
2. Lead spacing is measured where the lead emerge from the package

| LED PART NO        | CHIP     |                    | Lens Color     |
|--------------------|----------|--------------------|----------------|
|                    | Material | Emitted Color      |                |
| 234-10SYGD/S530-E1 | AlGaInP  | Super Yellow Green | Green Diffused |

| DESIGNER | CHECKER | APPROVER |
|----------|---------|----------|
|          |         |          |

Office : NO 25,Lane 76,Chung Yang Rd,Sec.3  
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**■ Description:**

- 1.ARRAY=Plastic Holder+Combinations of Lamp
- 2.The array will easily mount the applicable lamps on any panel up to

**■ Feature:**

- 1.Low power consumption
- 2.High efficiency and low cost
- 3.Good control and free combinations on the colors of LED lamps
- 5.Good lock and easy to assembly
- 6.Stackable and easy to assembly
- 7.Stackable vertically and easy to assembly
- 8.Versatile mounting on P.C board or panel
- 9.Stackable horizontally and easy to assembly

**■ Application:**

- 1.Used as indicators of indicating the Degree, Functions, Positions etc, in electronic instruments.



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DAE-069-374 REV: 1.0

MODEL NO : A694B/2SYG/S530-E1 ECN : \_\_\_\_\_ Page: 3/5

■ LED LAMP ARRAYS SELECTION GUIDE:

A 694 B / 2 SYG /S530-E1

{  
SYG:Super Yellow Green  
UY:Super Yellow  
SUR:Hyper Red

— COLOR OF HOLDER(BLACK)  
— MODEL  
— ARRAY



2.4\*5.0mm Rectangle Type LED Lamps

MODEL NO : A694B/2SYG/S530-E1

ECN :

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**Absolute Maximum Ratings at Ta = 25°C**

| Parameter                              | Symbol   | Rating      | Unit |
|--|----------|-------------|------|
| Forward Current                        | If       | 25          | mA   |
| Operating Temperature                  | Topr     | -40 to +85  | °C   |
| Storage Temperature                    | Tstg     | -40 to +100 | °C   |
| Soldering Temperature                  | Tsol     | 260 ± 5     | °C   |
| Electrostatic Discharge                | ESD      | 2000        | V    |
| Power Dissipation                      | Pd       | 60          | mW   |
| Peak Forward Current(Duty 1/10 @ 1KHZ) | If(Peak) | 160         | mA   |
| Reverse Voltage                        | Vr       | 5           | V    |

**Electronic Optical Characteristics :**

| Parameter                    | Symbol | MIN.      | TYP.      | MAX. | Unit | Condition             |
|------------------------------|--------|-----------|-----------|------|------|-----------------------|
| Luminous intensity           | Iv     | ----<br>6 | 1.2<br>10 | /    | mcd  | If= 2 mA<br>If= 20 mA |
| Viewing Angle                | 2θ 1/2 | /         | 60        | /    | deg  | If= 20 mA             |
| Peak Wavelength              | λ p    | /         | 575       | /    | nm   | If= 20 mA             |
| Dominant Wavelength          | λ d    | /         | 573       | /    | nm   | If= 20 mA             |
| Spectrum Radiation Bandwidth | △λ     | /         | 20        | /    | nm   | If= 20 mA             |
| Forward Voltage              | Vf     | /         | 2.00      | 2.40 | V    | If= 20 mA             |
| Reverse Current              | Ir     | /         | /         | 10   | μA   | Vr= 5 V               |



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## ■ Typical Electro-Optical Characteristic Curves

