

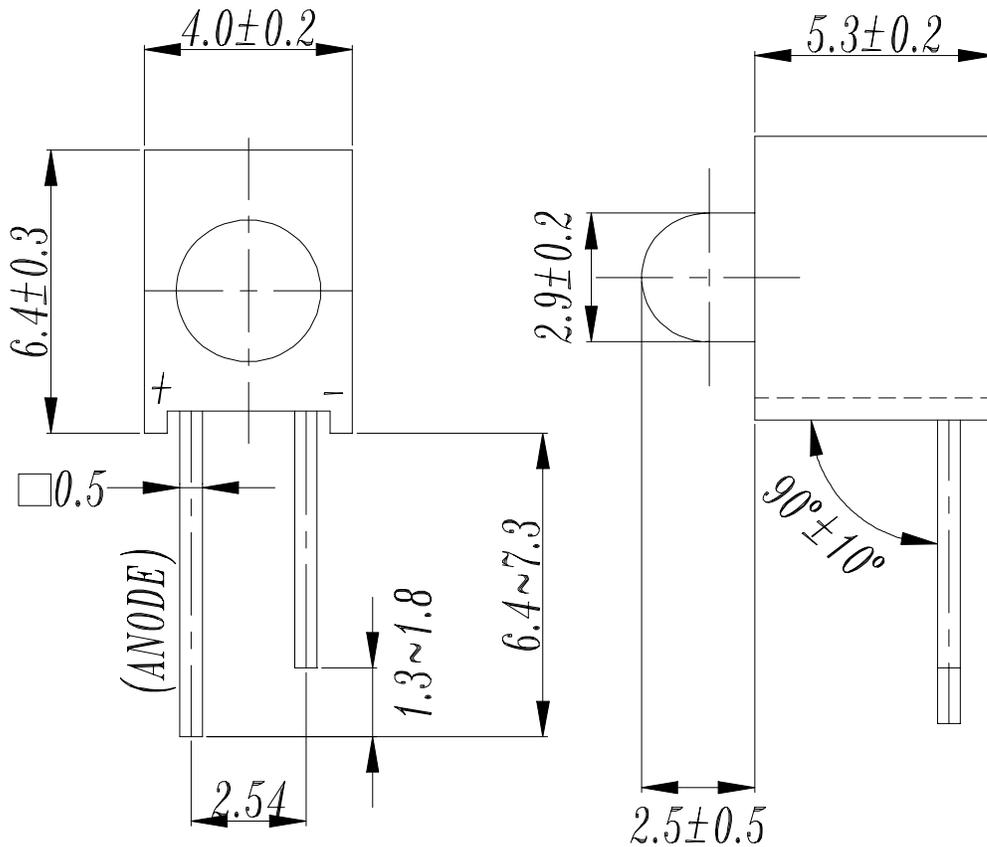


EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : DAE-021-430 REV: 1.0

PART NO : A214B/H ECN : Page: 1/5

■ Package Dimensions:



■ Notes:

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

| LED PART NO | Chip | | Lens Color |
|-------------|----------|---------------|--------------|
| | Material | Emitted Color | |
| 264-10HD | GaP | Bright Red | Red Diffused |

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Device Number : DAE-021-430 REV: 1.0

PART NO : A214B/H ECN : Page: 2/5

■ Descriptions:

- 1.ARRAY=Plastic Holder+Combination of Lamps
- 2.The array will easily mount the applicable lamps on any panel

■ Features:

- 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 PCB or panel
- 9.Stackable horizontally and easy to assembly

■ Applications:

- 1.Used as indicators of indicating the degrees, functions, positions etc, in electronic instruments.



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PART NO : A214B/H ECN : Page: 3/5

■ LED LAMP ARRAYS SELECTION GUIDE:

A 214 B / H

- SR:Super Red
- H:Bright Red
- I:Hi-Eff Red
- A:Amber
- Y:Yellow
- E:Orange
- G:Green

COLOR OF HOLDER(BLACK)

MODEL

ARRAY



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Absolute Maximum Ratings at Ta = 25°C

| Parameter | Symbol | Rating | Unit |
|--|----------|-------------|------|
| Forward Current | If | 15 | mA |
| Operating Temperature | Topr | -40 to +85 | °C |
| Storage Temperature | Tstg | -40 to +100 | °C |
| Soldering Temperature | Tsol | 260 ± 5 | °C |
| Power Dissipation | Pd | 45 | mW |
| Peak Forward Current(Duty 1/10 @ 1KHz) | If(Peak) | 50 | mA |
| Reverse Voltage | Vr | 5 | V |

Electronic Optical Characteristics :

| Parameter | Symbol | Min. | Typ. | Max. | Unit | Condition |
|------------------------------|--------|------|------|------|------|-----------|
| Luminous Intensity | Iv | 0.5 | 1.6 | / | mcd | If= 10 mA |
| Viewing Angle | 2θ 1/2 | / | 60 | / | deg | If= 10 mA |
| Peak Wavelength | λ p | / | 697 | / | nm | If= 10 mA |
| Dominant Wavelength | λ d | / | 650 | / | nm | If= 10 mA |
| Spectrum Radiation Bandwidth | Δ λ | / | 90 | / | nm | If= 10 mA |
| Forward Voltage | Vf | 1.5 | 2.0 | 2.4 | V | If= 10 mA |
| Reverse Current | Ir | / | / | 10 | μ A | Vr= 5 V |



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■ Typical Electro-Optical Characteristic Curves:

