

■ **Features**

- 1.54 Inch Thirty-five Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation

■ **Applications**







- Counting device
- Clock

■ **Absolute Maximum Rating** (Ta=25°C)

| Item   | Symbol          | Value      |     | Unit |
|--|-----------------|------------|-----|------|
|  |                 | YG/Y/R     | B/G |      |
| DC Forward Current                                   | I <sub>F</sub>  | 25         | 25  | mA   |
| Pulse Forward Current#                               | I <sub>FP</sub> | 100        | 100 | mA   |
| Reverse Voltage                                      | V <sub>R</sub>  | 5          | 5   | V    |
| Power Dissipation                                    | P <sub>t</sub>  | 62.5       | 90  | mW   |
| Operating Temperature                                | Topr            | -30 ~ +70  |     | °C   |
| Storage Temperature                                  | Tstg            | -40~ +85   |     | °C   |
| Lead Soldering Temperature(1.6mm from seating plane) | Tsol            | 260°C/5sec |     | °C   |

#Pulse width Max.10ms Duty ratio max 1/10

■ **Electrical -Optical Characteristics** (Ta=25°C)

| Part Number        | Color              |    | V <sub>F</sub> (V)*   |      |      | I <sub>R</sub> (μA) | I <sub>v</sub> (mcd)* |                      |      | λD(nm)* |      |      |      |
|--------------------|--------------------|----|---|------|------|---------------------|-----------------------|----------------------|------|---------|------|------|------|
|                    |                    |    | Min.  | Typ. | Max. |                     | Max.                  | Min.                 | Typ. | Max.    | Min. | Typ. | Max. |
|                    |                    |    | I <sub>F</sub> =20mA  |      |      | V <sub>R</sub> =5V  |                       | I <sub>F</sub> =20mA |      |         |      |      |      |
| OSL351541-AB(BB)   | Blue               | B  |  | -    | 3.3  | 3.6                 | 20                    | -                    | 50   | -       | -    | 470  | -    |
| OSL351541-AG(BG)   | Pure Green         | G  |  | -    | 3.3  | 3.6                 | 20                    | -                    | 200  | -       | -    | 525  | -    |
| OSL351541-AYG(BYG) | Yellow Green       | YG |  | -    | 2.2  | 2.6                 | 20                    | -                    | 12   | -       | -    | 571  | -    |
| OSL351541-AY(BY)   | Yellow             | Y  |  | -    | 2.1  | 2.5                 | 20                    | -                    | 60   | -       | -    | 590  | -    |
| OSL351541-AR(BR)   | Red                | R  |  | -    | 2.1  | 2.5                 | 20                    | -                    | 20   | -       | -    | 630  | -    |
| OSL351541-ARA(BRA) | High Luminance Red | RA |  | -    | 2.1  | 2.5                 | 20                    | -                    | 100  | -       | -    | 625  | -    |

\*1 Tolerance of measurements of dominant wavelength is ±1nm

\*2 Tolerance of measurements of luminous intensity is ±15%

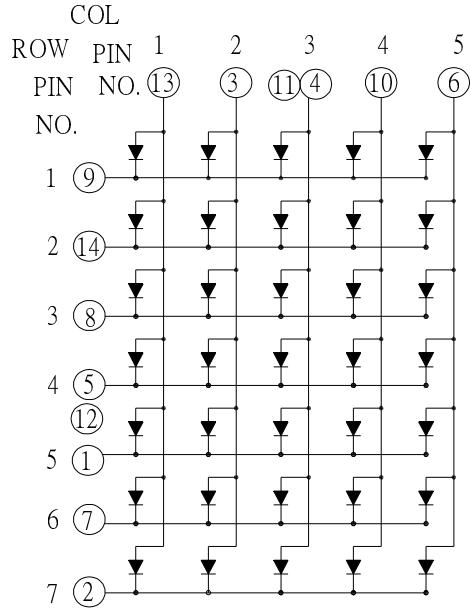
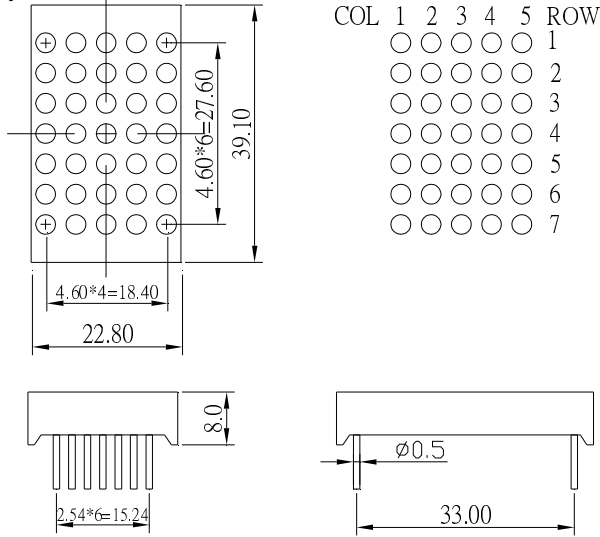
\*3 Tolerance of measurements of forward voltage is±0.1V

**■ Package Dimensions and Pin Function**

**OSL351541-AX**

Note:  
1, Unit : mm( Tolerance:±0.25mm unless otherwise noted)

2, The slope angle of any PIN may be ±5.0° Max



**OSL351541-BX**

Note:  
1, Unit : mm( Tolerance:±0.25mm unless otherwise noted)

2, The slope angle of any PIN may be ±5.0° Max

