

■ Features

- 0.56 Inch Single Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation

■ Applications

- Counting device
- Clock

■ Absolute Maximum Rating (Ta=25)
■ Photo


| Item | Symbol | Value | | Unit |
|--|-----------------|-----------|-----|------|
| | | RA/R/YG/Y | B/G | |
| DC Forward Current | I _F | 20 | 20 | mA |
| Pulse Forward Current* | I _{FP} | 100 | 100 | mA |
| Reverse Voltage | V _R | 5 | 5 | V |
| Power Dissipation | P _t | 44 | 66 | mW |
| Operating Temperature | Topr | -30 ~ +70 | | |
| Storage Temperature | Tstg | -40~ +85 | | |
| Lead Soldering Temperature(1.6mm from seating plane) | Tsol | 260 /5sec | | |

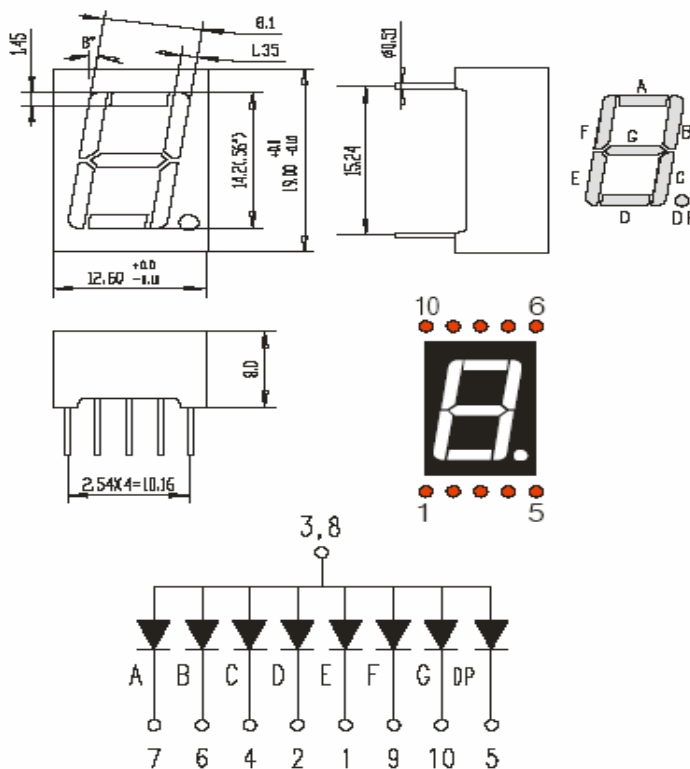
*Pulse width Max.10ms Duty ratio max 1/10

■ Electrical -Optical Characteristics (Ta=25)

| Part Number | Color | | V _F (V) | | | I _R (μA) | I _v (mcd) | | | λD(nm) | | |
|-------------------|--------------------|----|----------------------|------|------|---------------------|----------------------|------|------|---------------|------|------|
| | | | Min. | Typ. | Max. | Max. | Min. | Typ. | Max. | Min. | Typ. | Max. |
| | | | I _F =20mA | | | V _R =5V | I _F =20mA | | | | | |
| OSL10561-IW(LW) | White | W | - | 3.3 | 4.0 | 20 | - | 65 | - | X=0.30 Y=0.34 | | |
| OSL10561-IB(LB) | Blue | B | - | 3.3 | 4.0 | 20 | - | 50 | - | - | 470 | - |
| OSL10561-IG(LG) | Pure Green | G | - | 3.3 | 4.0 | 20 | - | 200 | - | - | 525 | - |
| OSL10561-IYG(LYG) | Yellow green | YG | - | 2.2 | 2.6 | 20 | - | 12 | - | - | 571 | - |
| OSL10561-IY(LY) | Yellow | Y | - | 2.1 | 2.5 | 20 | - | 60 | - | - | 590 | - |
| OSL10561-IR(LR) | Red | R | - | 2.1 | 2.5 | 20 | - | 20 | - | - | 630 | - |
| OSL10561-IRA(LRA) | high luminance Red | RA | - | 2.1 | 2.5 | 20 | - | 100 | - | - | 625 | - |

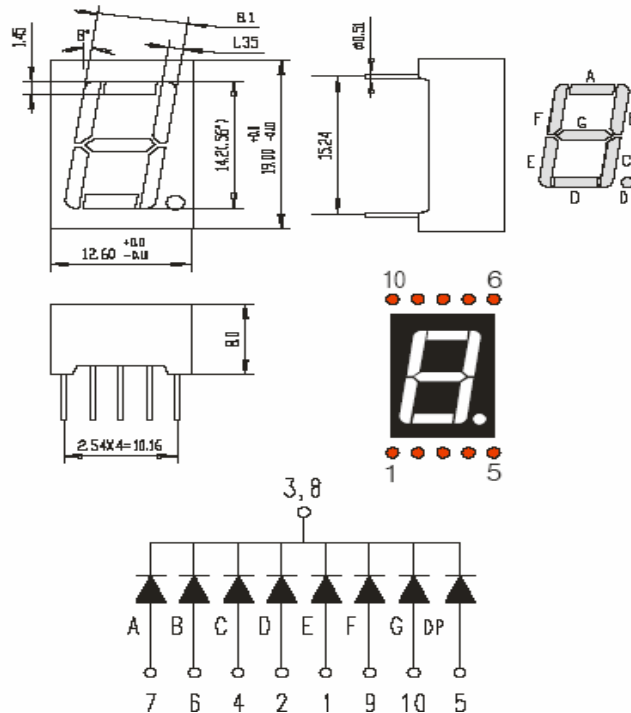
*1 Tolerance of dominant wavelength is±1nm

*2 Tolerance of luminous intensity is±15%

■ Package dimensions and pin function
**OSL10561-IX
(Common Anode type)**


Note:

- 1, Unit : mm(Tolerance:±0.25mm unless otherwise noted)
- 2, The slope angle of any PIN may be±5.0°Max

**OSL10561-LX
(Common Cathode type)**


Note:

- 1, Unit : mm(Tolerance:±0.25mm unless otherwise noted)
- 2, The slope angle of any PIN may be±5.0°Max