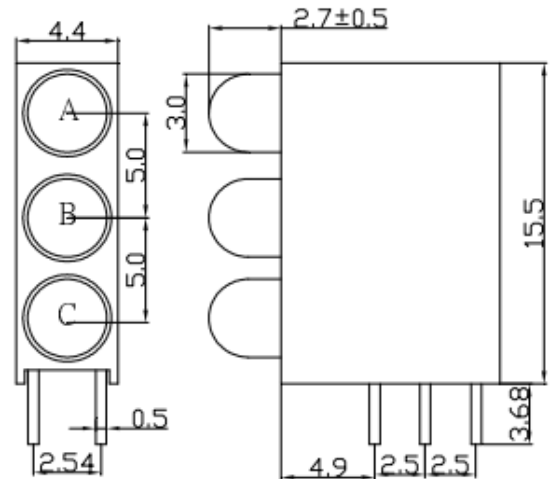
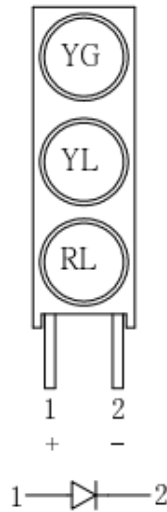


LED Outline Dimension

Color Diffused Typ

Color Description



LED+Holder Outline Dimension

Holder Color: Black

Absolute Maximum Rating (Ta=25°C)

| Item | Symbol | Value | | | Unit |
|----------------------------|--------|------------|-----|----|------|
| | | Red | YL | YG | |
| DC Forward Current | IF | 30 | 30 | 30 | mA |
| Pulse Forward Current* | IFP | 100 | 100 | | mA |
| Reverse Voltage | VR | 5 | 5 | 5 | V |
| Power Dissipation | PD | 78 | 78 | 78 | mW |
| Operating Temperature | Topr | -30~ +85 | | | °C |
| Storage Temperature | Tstg | -40 ~ +100 | | | °C |
| Lead Soldering Temperature | Tsol | 260°C/5sec | | | - |

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

Electrical –Optical Characteristics (Ta=25°C)

| Item | Symbol | Condition | Min. | Typ. | Max. | Unit |
|--------------------|-------------|-----------|------|------|------|------|
| DC Forward Current | VF (R/Y/YG) | IF=20mA | 1.8 | 2.1 | 2.6 | V |
| DC Reverse Current | IR | VR=5V | - | - | 10 | µA |
| Domi. Wavelength | λD(YG) | IF=20mA | 565 | 570 | 575 | nm |
| | λD(YL) | IF=20mA | 585 | 590 | 595 | nm |
| | λD(Red) | IF=20mA | 630 | 635 | 650 | nm |
| Luminous Intensity | IV (YG) | IF=20mA | 68 | 100 | - | mcd |
| | IV (YL) | IF=20mA | 100 | 150 | - | mcd |
| | IV (Red) | IF=20mA | 100 | 150 | - | mcd |
| 50% Power Angle | 2θ1/2 | IF=20mA | - | 30 | - | deg |