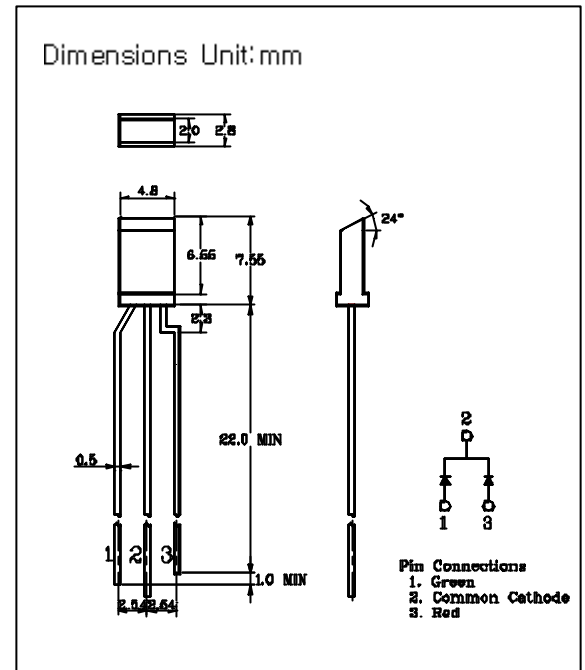


■ Features

- Milky Diffusion Type
- 2mm×5mm Sliding Rectangle Type
- Radiation Color : Red, Green
Orange(Mixing Color)
- Available in Bulk



■ Absolute Maximum Ratings

(Ta=25°C)

| Parameter | Symbol | Rating | | Unit |
|----------------------------|-----------|------------------------|-------|------|
| | | Red | Green | |
| Power Dissipation | P_D | 85 | 85 | mW |
| Continuous Forward Current | I_F | 30 | 30 | mA |
| Peak Forward Current | I_{FP} | 50 | 50 | mA |
| Reverse Voltage | V_R | 4 | 4 | V |
| Operating Temperature | T_{opr} | -25 ~ 85 | | °C |
| Storage Temperature | T_{sto} | -30 ~ 100 | | °C |
| Soldering Temperature | T_{sol} | 260°C within 5 seconds | | |

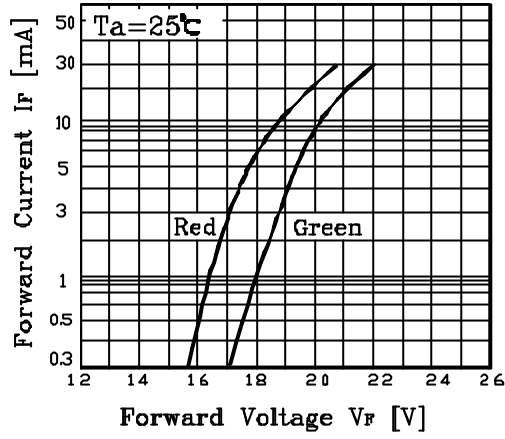
※1. Duty ratio = 1/16 , Pulse width = 0.1ms

■ Electro-Optical Characteristics

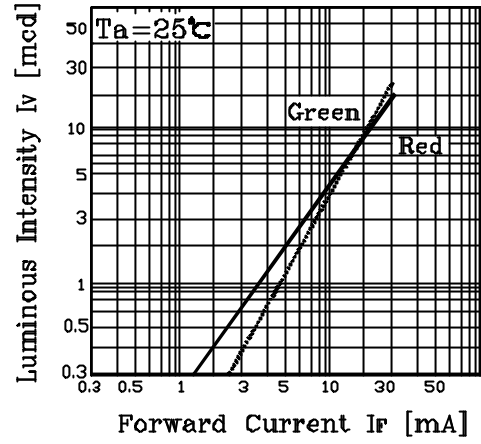
(Ta=25°C)

| Parameter | Symbol | Test Condition | Min . | Typ . | Max . | Unit . | |
|--------------------|-----------------|---------------------|---------|-------|-------|---------------|-----|
| Forward Voltage | V_F | $I_F = 20\text{mA}$ | Red | - | 2.0 | 2.7 | V |
| | | | Y-Green | - | 2.1 | 2.8 | |
| Luminous Intensity | I_v | $I_F = 20\text{mA}$ | Red | - | 8 | - | mcd |
| | | | Y-Green | - | 10 | - | |
| Peak Wavelength | λ_P | $I_F = 20\text{mA}$ | Red | - | 630 | - | nm |
| | | | Y-Green | - | 570 | - | |
| Spectrum Bandwidth | $\Delta\lambda$ | $I_F = 20\text{mA}$ | Red | - | 35 | - | nm |
| | | | Y-Green | - | 30 | - | |
| Reverse Current | I_R | $V_R = 4\text{V}$ | - | - | 10 | μA | |

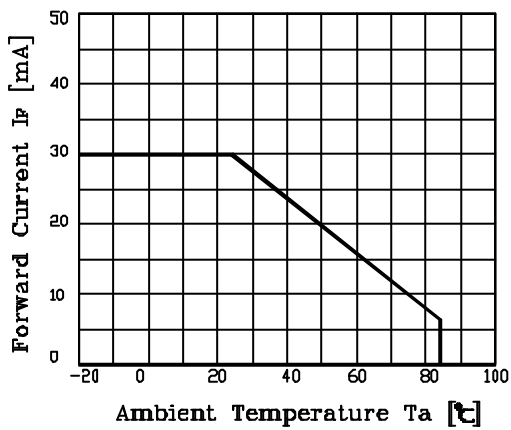
■ Fig 1. $I_F - V_F$



■ Fig 2. $I_v - I_F$



■ Fig 3. $I_F - T_a$



■ Fig 4. Spectrum Distribution

