

Code: I Yellow (AlGaInP)

| Parameter                                                           | Symbol | Condition      | Min. | Typ. | Max. | Unit |
|---------------------------------------------------------------------|--------|----------------|------|------|------|------|
| Forward Voltage (Per dice)                                          | Vf     | If=20mA        | 1.8  |      | 2.4  | V    |
| Reverse Voltage (Per dice)                                          | Vr     | Ir=10uA        |      | 5    |      | V    |
| Luminous Intensty (Per dice)                                        | Iv     | If=20mA        |      | 30   |      | mcd  |
| Spectrum With Of Half Value                                         | △      | If=20mA        |      | 30   |      | nm   |
| Wavelength                                                          | D      | If=20mA        | 585  |      | 590  | nm   |
| Peak Forward Current (Per dice)<br>1/10 Duty Cycle,0.1ms Pulse      | Ifp    | 70             |      |      |      | mA   |
| Operating Temperature Range                                         | Topr   | - 35 ℃ to 85 ℃ |      |      |      |      |
| Storage Temperature Range                                           | Tstg   | - 35 ℃ to 85 ℃ |      |      |      |      |
| Solder Temperature 1.5mm below seating plane for 3 Seconds at 260 ℃ |        |                |      |      |      |      |

Absolute Maximum Rating at T<sub>a</sub>=25°C

Fig.1

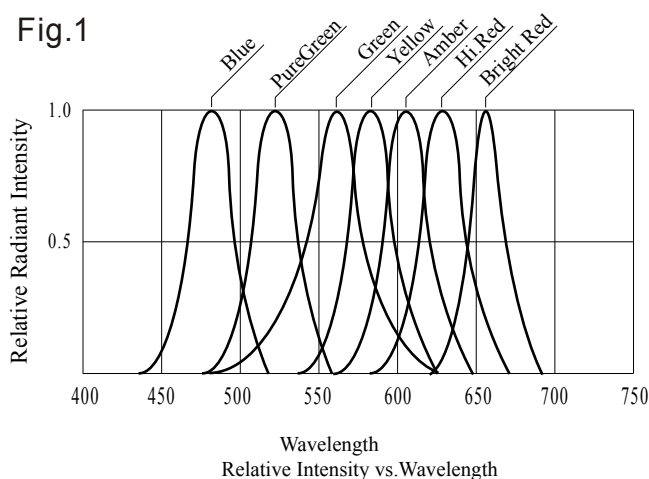


Fig.2

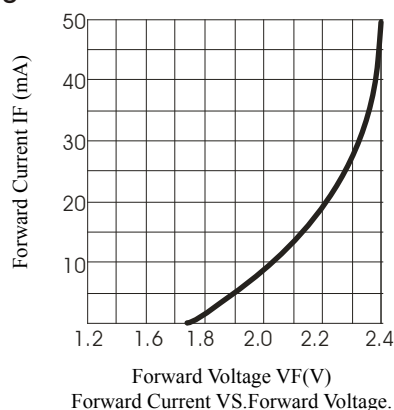


Fig.3

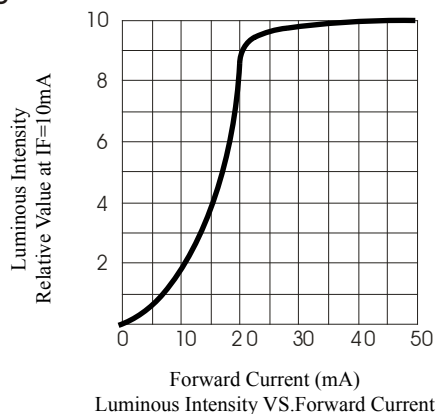


Fig.4

