



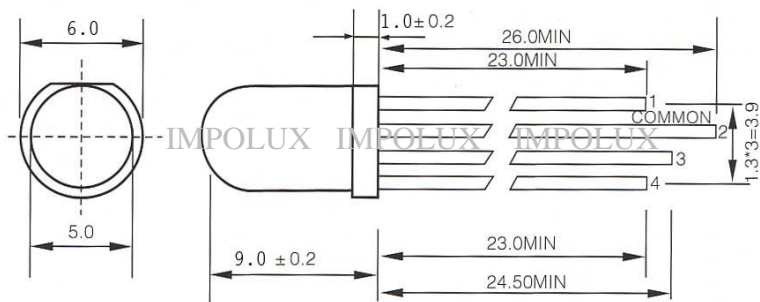
DATA SHEET

Features

- High intensity
- Wide viewing angle
- Reliable and rugged

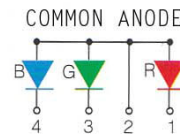
Package Dimension:

Package Dimensions(mm)



Note:

1. RED
2. COMMON
3. PURE GREEN
4. BLUE



Notes:

- All dimensions are in millimetres
- Tolerance is ± 0.5 mm unless otherwise noted.
- Specifications are subject to change without notice.
- Caution in ESD: Static Electricity and surge damages the LED.

Absolute maximum Ratings at $T_a=24^\circ\text{C}$

Parameter	MAX.	Unit
Peak Forward Current (0,1ms Pulse width)	100	mA
Continuous Forward Current	22	mA
Reverse Voltage	5	V
Derating Linear From 50°C	0.4	mA/ $^\circ\text{C}$
Operating Temperature Range	-30°C to $+70^\circ\text{C}$	
Storage Temperature Range	-30°C to $+70^\circ\text{C}$	
Lead Soldering Temperature (4mm from body)	260°C for 5 seconds	

Electrical Optical Characteristics at Ta= 25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	Iv	8000	10000	---	mcd	IF= 20mA
Viewing Angel		30	35	50	Deg	
Forward Voltage red	VF	1.7	2.1	2.2	V	IF=20mA
Forward Voltage blue	VF	2.5	3.15	3.2	V	IF=20mA
Forward Voltage green	VF	2.7	3.27	3.35	V	IF=20mA

