

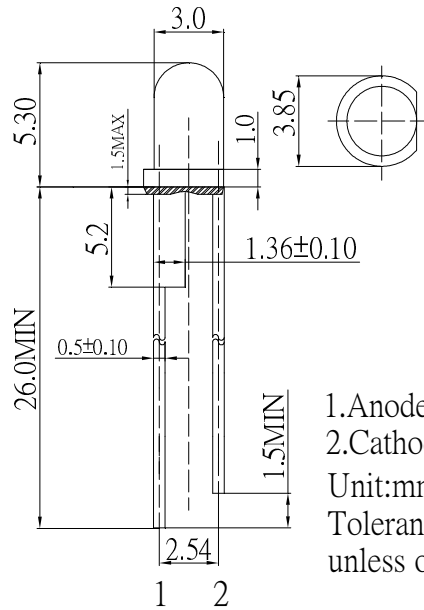
■Features

- High Luminous LEDs
- 3mm Round Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

■Applications

- Traffic Signal
- Backlighting
- Signal and channel letter
- Other Lighting

■Outline Dimension



1. Anode
2. Cathode
Unit:mm
Tolerance:±0.20mm
unless otherwise noted

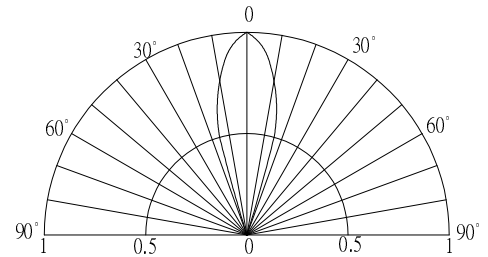
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	70	mA
Pulse Forward Current#	I _{FP}	120	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	182	mW
Operating Temperature	Topr	-40~ +85	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

#Pulse width Max.10ms , Duty ratio max 1/10

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V _F	I _F =20mA	1.9	2.2	2.6	V
		I _F =70mA	-	2.6	3.0	
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*2	λ _D	I _F =70mA	620	625	630	nm
Luminous Intensity*3	I _v	I _F =70mA	40000	45000	-	mcd
50% Power Angle	2θ _{1/2}	I _F =70mA	-	30	-	deg

*1 Tolerance of measurements of forward voltage is ±0.1V

*2 Tolerance of measurements of Domi. wavelength is ±1nm

*3 Tolerance of measurements of luminous intensity is ±15%

AlGaInP LED

TYPICAL ELECTRICAL/OPTICAL CHARACTERISTIC CURVES

