

# Single Color Circuit Board Indicator **multicomp** PRO

**RoHS  
Compliant**

## Electrical / Optical Characteristics at Ta = 25°C

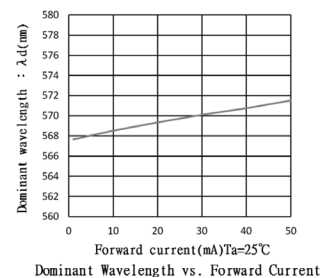
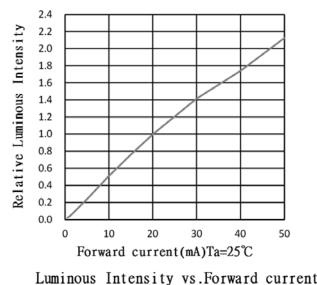
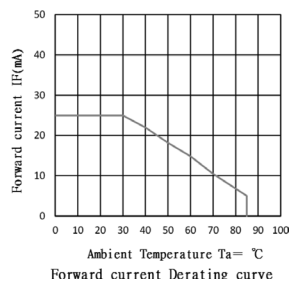
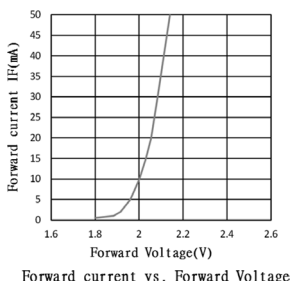
Parameter	Symbol	Min.	TYP	Max.	Unit	Test
Luminous Intensity	IV	25	35	50	mcd	IF = 20mA
Viewing Angle	2θ1/2		50		deg	
Peak Emission Wavelength	λp		570		nm	
Dominant Wavelength	λD	567	570	573	nm	
Spectral Line Half-Width	Δλ		30		nm	
Forward Voltage	VF	1.8	2.1	2.4	V	
Power Dissipation	Pd	-	-	85	mW	
Peak Forward Current (Duty1/10 @ 1KHZ)	IF (Peak)			100	mA	
Recommended Operating Current	IF (Rec)		20		mA	

## Absolute Maximum Ratings: (Ta = 25°C)

Reverse Voltage : 5V  
 Reverse Current : 10 uA (VR=5V)  
 Operating Temperature Range : -40°C to 85°C  
 Storage Temperature Range : -40°C to 100°C  
 Lead Soldering Temperature Range : 260°C For 5 Seconds  
 (1.6 mm (1/16 inch) from body)

## Typical Electro-Optical Characteristics Curves

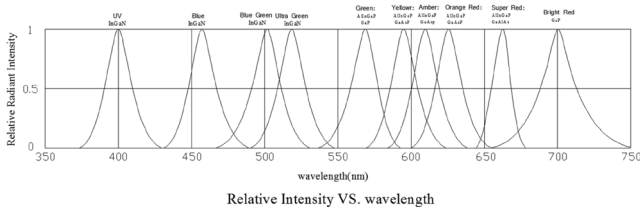
### Green (AlInGaP λP=570nm)



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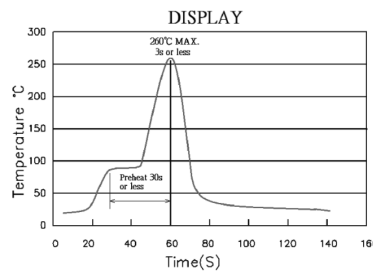
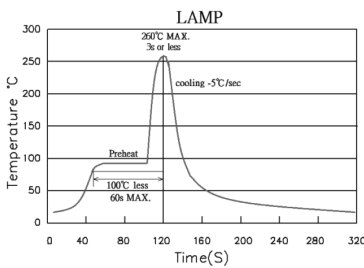
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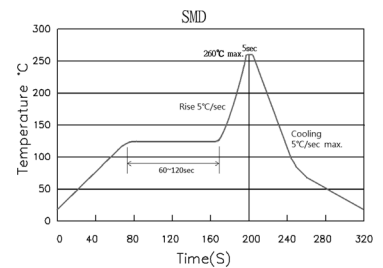
## Soldering Iron

Temperature at tip of iron : 350°C Max.  
 Soldering Time: 3 sec. ± 1 sec. (one time only)  
 If temperature is higher, time should be shorter

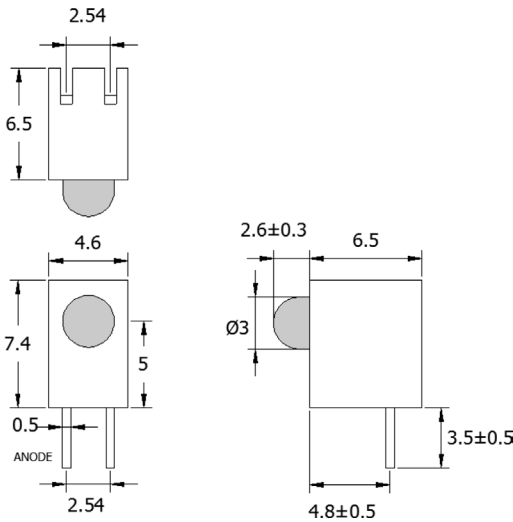
## Soldering heat (DIP)



## Reflow Temp./Time(SMD)



## Diagram



## Part Number Table

Description	Part Number
Single Color Circuit Board Indicator, Green, Single LED	L514HXGD

Dimensions : Millimetres

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