

■Features

- High Luminous PLCC4 Power Top SMD LEDs
- 3.5x2.8x1.9mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

■Applications

- Signage and channel letter
- Decorating and entertainment lighting
- Architectural lighting
- Outdoor/Indoor applications
- Backlighting/Other Lighting

■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	T _{opr}	-30 ~ +85	
Storage Temperature	T _{stg}	-40~ +100	
Lead Soldering Temperature	T _{sol}	260 /5sec	-

*Pulse width Max.10ms Duty ratio max 1/10

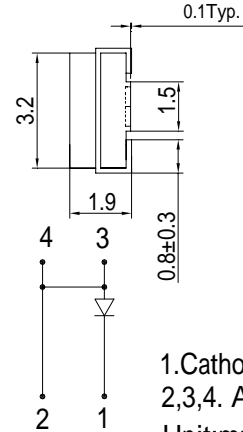
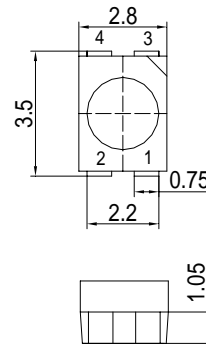
■Electrical -Optical Characteristics

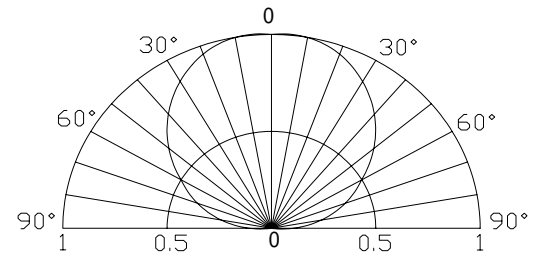
(Ta=25 °C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F	I _F =50mA	2.0	2.2	2.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*	λ _D	I _F =50mA	585	590	595	nm
Luminous Intensity*	I _v	I _F =50mA	-	1500	-	mcd
50% Power Angle	2θ _{1/2}	I _F =50mA	-	120	-	deg

*1 Tolerance of dominant wavelength is ±1nm

*2 Tolerance of luminous intensity is ±15%

■Outline Dimension

 1.Cathode
 2,3,4. Anode
 Unit:mm
 Tolerance:±0.30mm

■Directivity

Maximum Forward DC Current
