

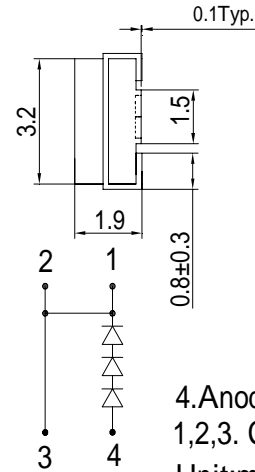
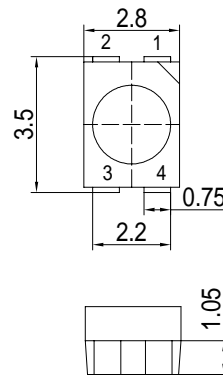
### ■Features

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

### ■Applications

- Backlighting (switches, keys, displays, illuminated advertising etc.)
- Substitution of Micro Incandescent Lamps
- Reading Lamps / Emergency Lighting
- Marker lights (e.g. steps, exit ways, etc.)
- Other Lighting

### ■Outline Dimension



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

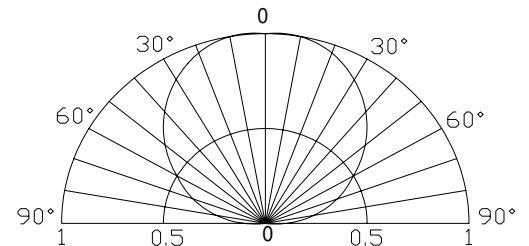
### ■Absolute Maximum Rating

(Ta=25 )

Item	Symbol	Value	Unit
DC Forward Current	$I_F$	30	mA
Pulse Forward Current*	$I_{FP}$	100	mA
Reverse Voltage	$V_R$	15	V
Power Dissipation	$P_D$	324	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

### ■Directivity



### ■Electrical -Optical Characteristics

(Ta=25 )

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	$V_F$	$I_F=20mA$	8.7	9.3	10.8	V
DC Reverse Current	$I_R$	$V_R=15V$	-	-	10	$\mu A$
Luminous Flux*	$\nu$	$I_F=20mA$	-	20	-	lm
Luminous Intensity*	$I_v$	$I_F=20mA$	7000	8400	-	mcd
Color Temperature	CCT	$I_F=20mA$	-	10000	-	K
Chromaticity Coordinates*	x	$I_F=20mA$	-	0.27	-	
	y	$I_F=20mA$	-	0.28	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	120	-	deg

\*1 Tolerance of chromaticity coordinate is ±10%

\*2 Tolerance of luminous intensity is ±15%

