

SE-3528WC-OSL-4000

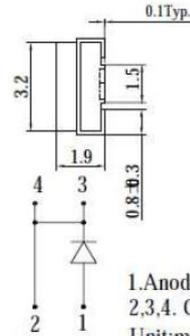
■Features

- High Luminous PLCC4 Power Top SMD LEDs
- 3.5x2.8x1.9mm Standard Directivity
- Long Lifetime Operation
- Superior Weather-resistance
- UV Resistant Epoxy

■Applications

- Automotive Dashboard Lighting
- Traffic Signal Lamp
- Back Lighting
- Other Lighting

■Outline Dimension



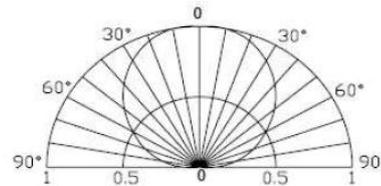
1. Anode  
2,3,4. Cathode  
Unit:mm  
Tolerance: ±0.30mm

■Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	$I_F$	50	mA
Pulse Forward Current*	$I_{FP}$	120	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_D$	190	mW
Operating Temperature	$T_{opr}$	-30 ~ +85	°C
Storage Temperature	$T_{stg}$	-40 ~ +100	°C
Lead Soldering Temperature	$T_{sol}$	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	$V_F$	$I_F=50mA$	3.0	3.3	3.8	V
DC Reverse Current	$I_R$	$V_R=5V$	-	-	10	μA
Luminous Intensity*	$I_v$	$I_F=50mA$	3000	4000	-	mcd
Chromaticity Coordinates*	x	$I_F=50mA$	-	0.27	-	
	y	$I_F=50mA$	-	0.28	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=50mA$	-	120	-	deg

\*1 Tolerance of chromaticity coordinates is ±10%

\*2 Tolerance of luminous intensity is ±15%