

## SE-5OS-1518GC

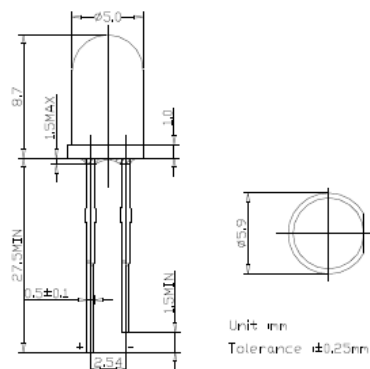
### ■Features

- High Power LEDs
- 5ø Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

### ■Applications

- Automotive Dashboard Lighting
- Backlighting
- Decorating and Entertainment Lighting

### ■Outline Dimension

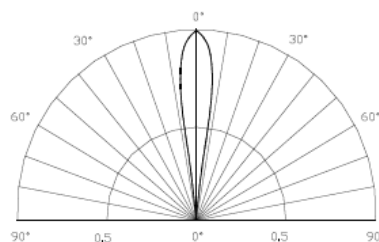


### ■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	$I_F$	30	mA
Pulse Forward Current*	$I_{FP}$	100	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_D$	120	mW
Operating Temperature	$T_{opr}$	-30~ +85	°C
Storage Temperature	$T_{stg}$	-40~ +100	°C
Lead Soldering Temperature	$T_{sol}$	260°C/5sec	-

### ■Directivity



\*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	$V_F$	$I_F=20mA$	2.8	3.3	3.8	V
DC Reverse Current	$I_R$	$V_R=5V$	-	-	10	μA
Domi. Wavelength	$\lambda_D$	$I_F=20mA$	520	525	530	nm
Luminous Intensity	$I_v$	$I_F=20mA$	14400	18000	22000	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	15	-	deg

