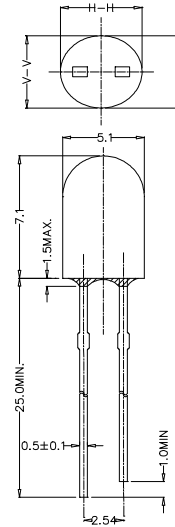


**■Features**

- High Power LEDs
- 5.1x4.3mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Color Transparent Type

**■Applications**

- Automotive Dashboard Lighting
- Back Lighting

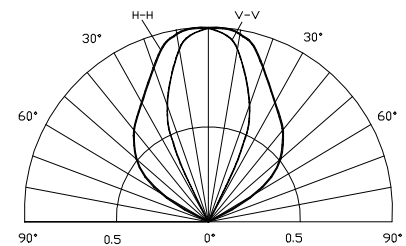
**■Outline Dimension**


Unit : mm  
Tolerance : ±0.25mm

**■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	$P_D$	120	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	$V_F$	$I_F=20mA$	1.8	2.0	2.4	V
DC Reverse Current	$I_R$	$V_R=5V$	-	-	10	μA
Domi. Wavelength	$\lambda_D$	$I_F=20mA$	600	605	610	nm
Luminous Intensity	$I_v$	$I_F=20mA$	750	1120	1560	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	100/40	-	deg