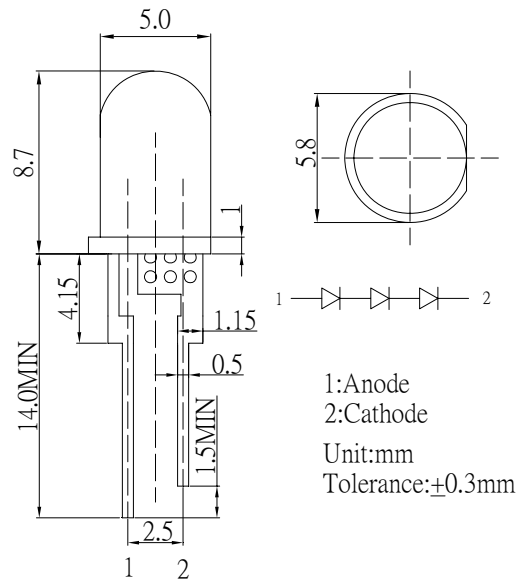


**■Features**

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

**■Applications**

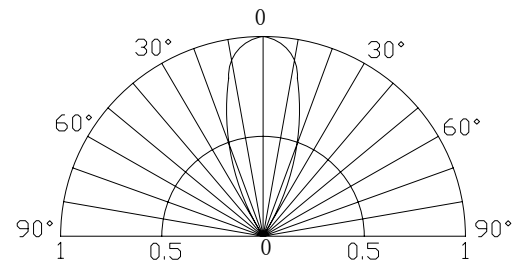
- Backlighting (Illuminated advertising, general lighting, etc)
- Interior and exterior automotive lighting
- Traffic signaling / Beacons
- Other Lighting

**■Outline Dimension**

**■Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	$I_F$	30	mA
Pulse Forward Current*	$I_{FP}$	120	mA
Reverse Voltage	$V_R$	15	V
Power Dissipation	$P_D$	216	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	$V_F$	$I_F=20mA$	5.4	6.3	7.2	V
DC Reverse Current	$I_R$	$V_R=15V$	-	-	10	μA
Domi Wavelength*	$\lambda_D$	$I_F=20mA$	620	625	630	nm
Luminous Intensity*	$I_v$	$I_F=20mA$	8000	9000	-	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	40	-	deg

\*1 Tolerance of dominant wavelength is ±1nm

\*2 Tolerance of luminous intensity is ±15%