

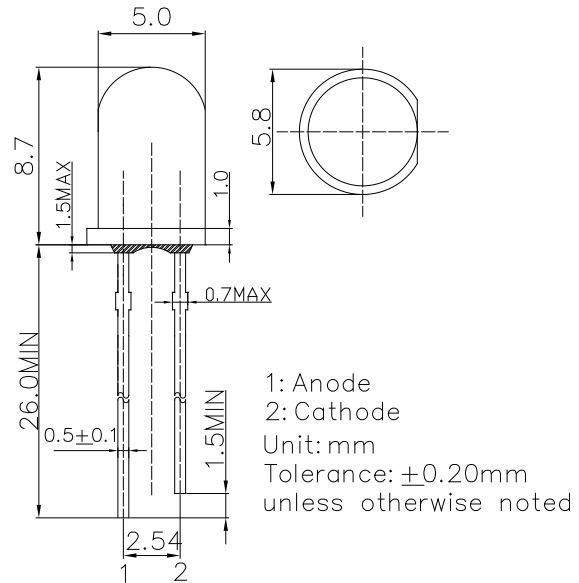
■ **Features**

- High Luminous LEDs
- Low Power Consumption
- UV Resistant Epoxy
- Specified at  $I_F = 1 \text{ mA}$
- Water Clear Type

■ **Applications**

- Background illumination
- Communications equipment
- Low power DC circuits
- General lighting purposes

■ **Outline Dimension**

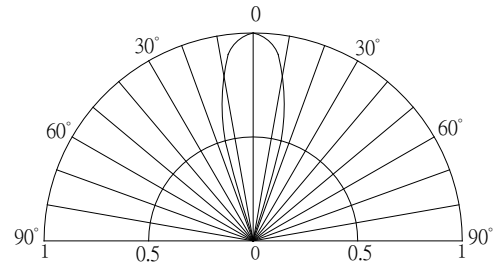


■ **Absolute Maximum Rating** (Ta=25°C)

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	$P_D$	96	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*1	$V_F$	$I_F=1 \text{ mA}$	-	2.7	3.2	V
DC Reverse Current	$I_R$	$V_R=5 \text{ V}$	-	-	10	$\mu\text{A}$
Luminous Intensity*2	$I_v$	$I_F=1 \text{ mA}$	5800	7000	-	mcd
Color Temperature*3	CCT	$I_F=1 \text{ mA}$	2700	3000	3200	K
Chromaticity Coordinates*4	x	$I_F=1 \text{ mA}$	-	0.45	-	
	y	$I_F=1 \text{ mA}$	-	0.41	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=1 \text{ mA}$	-	15	-	deg

\*1 Tolerance of measurements of forward voltage is  $\pm 0.1 \text{ V}$   
 \*2 Tolerance of measurements of luminous intensity is  $\pm 15\%$   
 \*3 Tolerance of measurements of color temperature is  $\pm 10\%$   
 \*4 Tolerance of measurements of chromaticity coordinates is  $\pm 10\%$