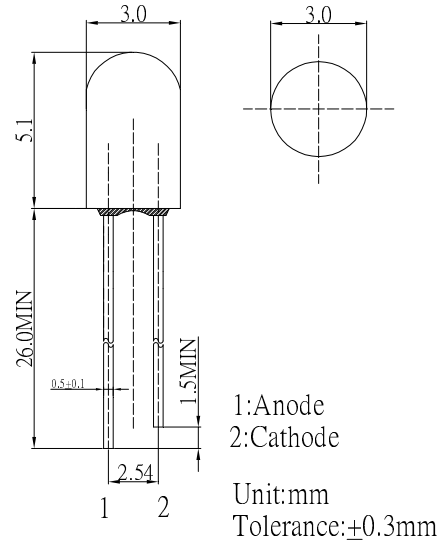


**■Features**

- High Luminous LEDs
- 3 $\phi$  Standard Directivity
- Low Decay & Long Lifetime
- Superior Weather-resistance
- UV Resistant Epoxy
- White Diffused Type

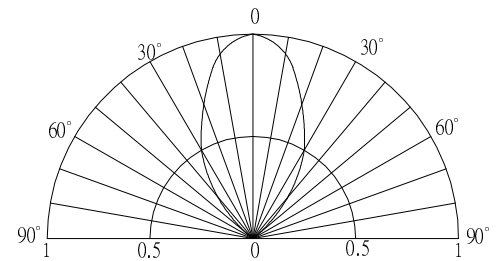
**■Applications**

- General Purpose Indicators
- Small Area Illuminations
- Back Lighting
- Other Lighting

**■Outline Dimension**

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

Item	Symbol	Value	Unit
DC Forward Current	$I_F$	30	mA
Pulse Forward Current*	$I_{FP}$	100	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_D$	108	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	$V_F$	$I_F=20mA$	2.9	3.1	3.6	V
DC Reverse Current	$I_R$	$V_R=5V$	-	-	10	$\mu A$
Luminous Intensity	$I_v$	$I_F=20mA$	1120	1560	2180	mcd
Chromaticity Coordinate*	x	$I_F=20mA$	-	0.45	-	
	y	$I_F=20mA$	-	0.41	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	60	-	deg

\*1 Tolerance of Chromaticity coordinate is  $\pm 10\%$

\*2 Tolerance of luminous intensity is  $\pm 15\%$

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