

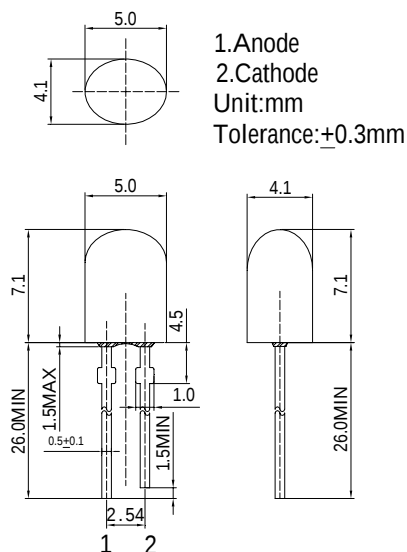
■Features

- High Luminous LEDs
- 5.0x4.1mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

■Applications

- Automotive Dashboard Lighting
- Money Detector
- Back Lighting
- Other Lighting

■Outline Dimension



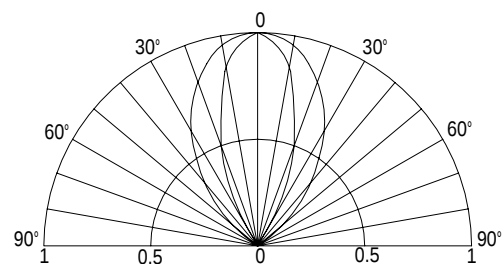
■Absolute Maximum Rating

($T_a = 25^\circ\text{C}$)

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	114	mW
Operating Temperature	T_{opr}	$-30 \sim +85$	
Storage Temperature	T_{stg}	$-40 \sim +100$	
Lead Soldering Temperature	T_{sol}	260 / 5sec	-

*Pulse width Max. 10ms Duty ratio max 1/10

■Directivity



■Electrical -Optical Characteristics

($T_a = 25^\circ\text{C}$)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F = 20\text{mA}$	3.0	3.4	3.8	V
DC Reverse Current	I_R	$V_R = 5\text{V}$	-	-	10	μA
Peak Wavelength*	λ_p	$I_F = 20\text{mA}$	400	405	410	nm
Luminous Intensity*	I_v	$I_F = 20\text{mA}$	-	75	-	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F = 20\text{mA}$	-	70/40	-	deg

*1 Tolerance of Peak wavelength is $\pm 1\text{nm}$

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