

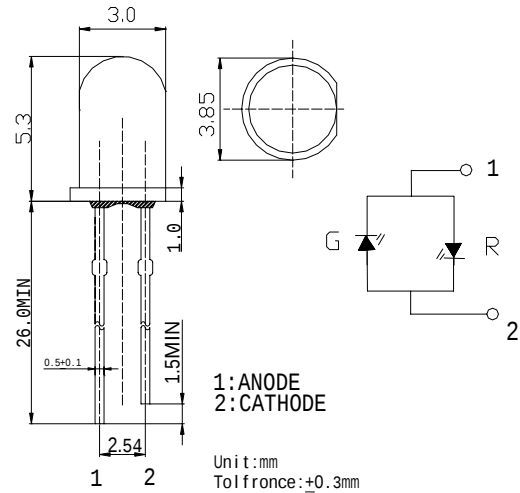
■Features

- 3ø Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type
- RoHS Compliant

■Applications

- Automotive Dashboard Lighting
- Back Lighting

■Outline Dimension



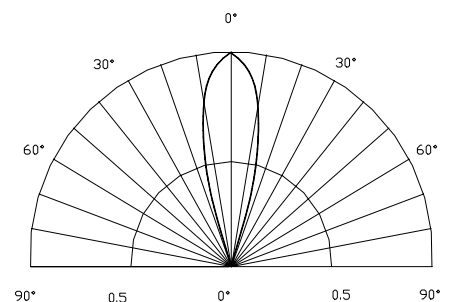
■Absolute Maximum Rating

(Ta=25 °C)

Item	Symbol	Value	Unit
DC Forward Current(R/G)	I_F	50	mA
Pulse Forward Current*(R/G)	I_{FP}	150	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	120	mW
Operating Temperature	T_{opr}	-30 ~ +80	
Storage Temperature	T_{stg}	-30 ~ +100	
Lead Soldering Temperature	T_{sol}	260 / 3sec	-

*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	(R/G) V_F	$I_F=20mA$	1.8	2.0	2.4	V
DC Reverse Current	(R/G) I_R	$V_R=5V$	-	-	10	μA
Domi. Wavelength	(R) λ_D	$I_F=20mA$	620	625	630	nm
	(G) λ_D	$I_F=20mA$	565	570	575	nm
Luminous Intensity	(R) I_v	$I_F=20mA$	500	750	-	mcd
	(G) I_v	$I_F=20mA$	500	750	-	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	30	-	deg