

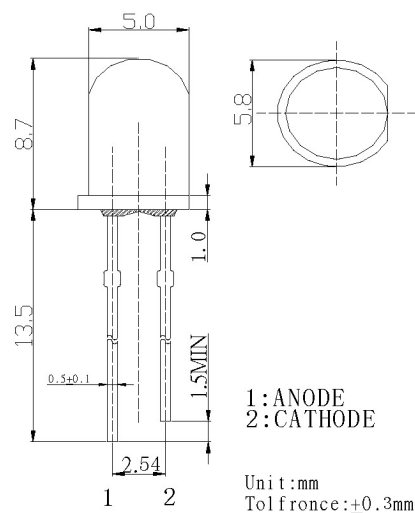
■ Features

- High Power LED
- 5o Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Color diffused Type

■ Applications

- Automotive Dashboard Lighting
- Back Lighting

■Outline Dimension

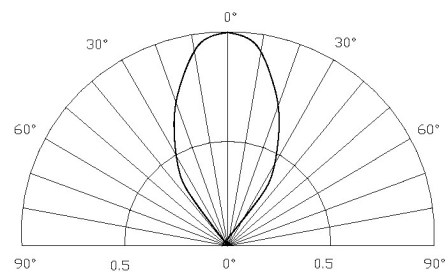


■Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	50	mA
Pulse Forward Current*	I _{FP}	150*1	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	200	mW
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-30 ~ +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	$I_F=20mA$	1.8	2.0	2.4	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Domi. Wavelength	λ_D	$I_F=20mA$	625	630	635	nm
Luminous Intensity	I_v	$I_F=20mA$	45	68	100	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	60	-	deg