SHARLIGHT ELECTRONICS CO., LTD.
SPECIFICATION FOR APPROVAL

5mm YELLOW LED

SLR-050610-3441

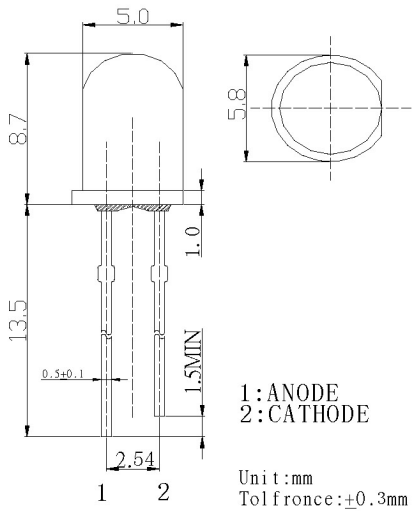
■Features

- High Power LEDs
- 5ø Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Color Diffused Type

■Applications

- Automotive Dashboard Lighting
- Back Lighting

■Outline Dimension

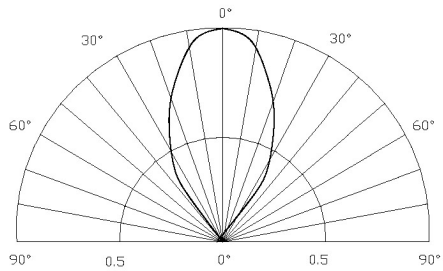


■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
DC Forward Current	I_F	50	mA
Pulse Forward Current*	I_{FP}	150	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	200	mW
Operating Temperature	Topr	-30~ +85	℃
Storage Temperature	Tstg	-30 ~ +100	℃
Lead Soldering Temperature	Tsol	260℃/5sec	-

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

■Directivity



■Electrical -Optical Characteristics (Ta=25℃)

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	585	590	595	nm
Luminous Intensity	Iv	I_F=20mA	30	45	68	mcd
50% Power Angle	$2\theta_{1/2}$	I_F=20mA	-	60	-	deg

RoHS Compliant