



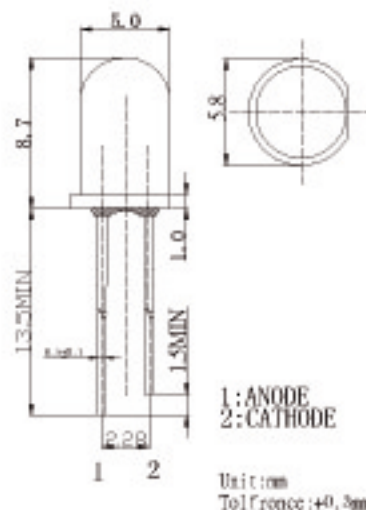
■Features

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

■Applications

- General Purpose Indicators
- Small Area Illuminations
- Back Lighting

■Outline Dimension



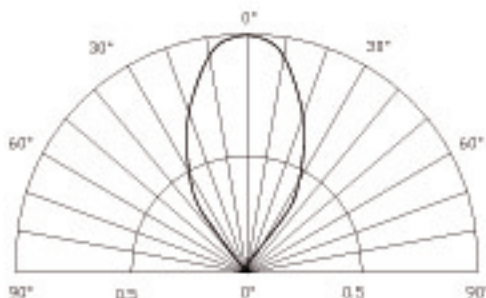
■Absolute Maximum Rating

(Ta=25℃)

Item	Symbol	Value	Unit
DC Forward Current	I_F	50	mA
Pulse Forward Current*	I_{FP}	150*1	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	200	mW
Operating Temperature	T_{opr}	-30 ~ +85	℃
Storage Temperature	T_{stg}	-30 ~ +100	℃
Lead Soldering Temperature	T_{sol}	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
Luminous Intensity	I_v	$I_F=20mA$	68	100	150	mcd
Dom. Wavelength	λ_D	$I_F=20mA$	630	635	640	nm
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	60	-	deg

*Please refer to CIE 1931 chromaticity diagram.