

■ Absolute Maximum Rating

Item	Symbol	Absolute Maximum Rating	Unit
Forward Current	I_F	350	mA
Peak Forward Current*	I_{FP}	700	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	1000	mW
Electrostatic discharge	E_{SD}	2000	V
Operation Temperature	T_{opr}	-25 ∞ +80	$^{\circ}C$
Storage Temperature	T_{stg}	-40 ∞ +80	$^{\circ}C$
Lead Soldering Temperature*	T_{sol}	Max. 260 $^{\circ}C$ for 5sec Max.	

* I_{FP} Conditions : Pulse Width \leq 10msec duty \leq 1/10

* T_{sol} Conditions : 3mm from the base of the epoxy bulb

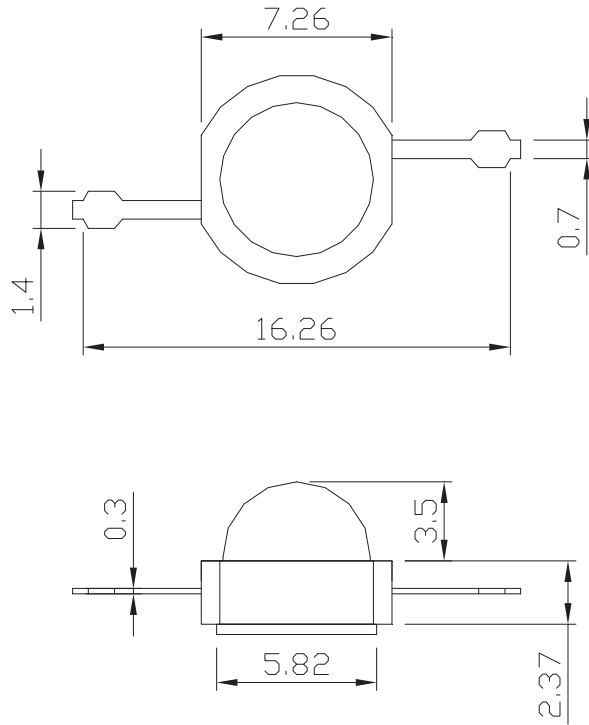
■ Typical Optical/ Electrical Characteristics

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	$I_F=350mA$	2.0	2.4	2.8	V
Reverse Current	I_R	$V_r=5V$	--	--	10	μA
50% Power Angle	2θ	$I_F=350mA$	--	90	--	deg
Luminous Flux	ϕ_v	$I_F=350mA$	20	--	25	lm
Dominant Wavelength	λ_P	$I_F=350mA$	625	--	635	nm
Recommend Forward Current	$I_F(rec)$	--	--	300~350	--	mA

Notes:

1. Absolute maximum ratings $T_a=25^{\circ}C$.
2. Tolerance of measurement of forward voltage $\pm 0.1V$.
3. Tolerance of measurement of dominant wavelength $\pm 2.0nm$.
4. Tolerance of measurement of Luminous Flux $\pm 15\%$.

■ Package Dimensions And Materials



Chip		Lens Color
Material	Emitting Color	
InGaP/GaP	RED	Water clear

Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is $\pm 0.2\text{mm}$ unless otherwise noted.