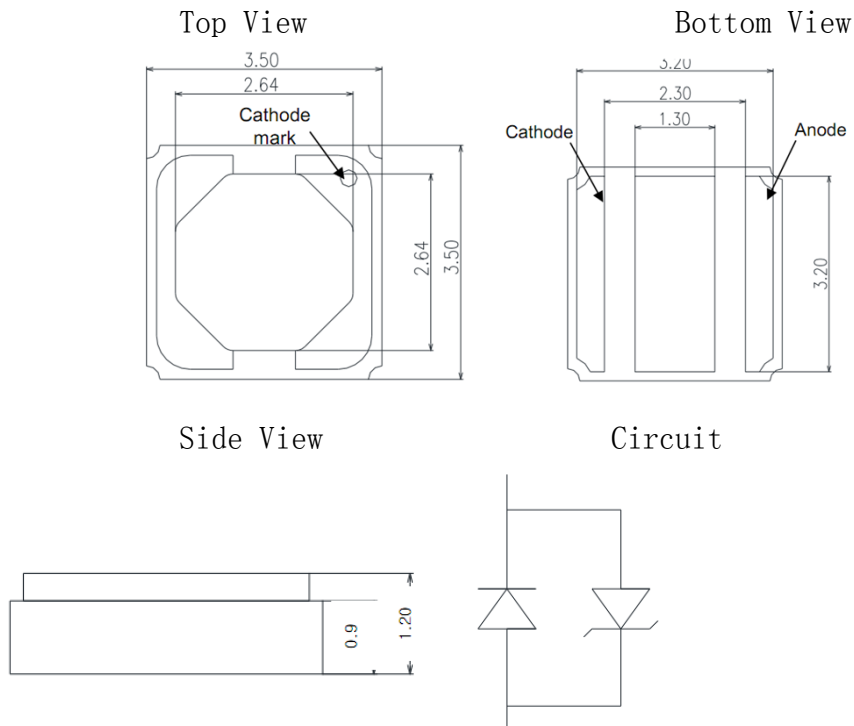




Specification

Outline dimensions



Notes :

- [1] All dimensions are in millimeters.
- [2] Scale : none
- [3] Undefined tolerance is $\pm 0.2\text{mm}$

Characteristics

* Electro-Optical characteristics at 20mA

(Ta=25°C, RH=30%)

Parameter	Symbol	Value	Unit
Peak wavelength [1]	λ_p	275	nm
Radiant Flux[2]	Φ_e [3]	1.8	mW
Forward Voltage [4]	VF	6.0	V
Spectrum Half Width	$\Delta \lambda$	11	nm
View Angle	$2\theta_{1/2}$	-	deg.
Thermal resistance	$R_{\theta J-b}$ [5]	-	$^{\circ}\text{C} / \text{W}$

* Absolute Maximum Ratings

Parameter	Symbol	Value	Unit
Forward Current	IF	30	mA
Power Dissipation	PD	200	mW
Operating Temperature	Topr	-30 ~ +60	°C
Storage Temperature	Tstg	-40 ~ +100	°C

Notes :

1. Peak Wavelength Measurement tolerance : $\pm 3\text{nm}$
2. Radiant Flux Measurement tolerance : $\pm 10\%$
3. Φ_e is the Total Radiant Flux as measured with an integrated sphere.
4. Forward Voltage Measurement tolerance : $\pm 3\%$
5. $R_{\theta J-bis}$ is the thermal resistance between chip junction to PCB board bottom. The PCB is made of aluminium and the size of PCB is 3.5mm by 3.5mm