

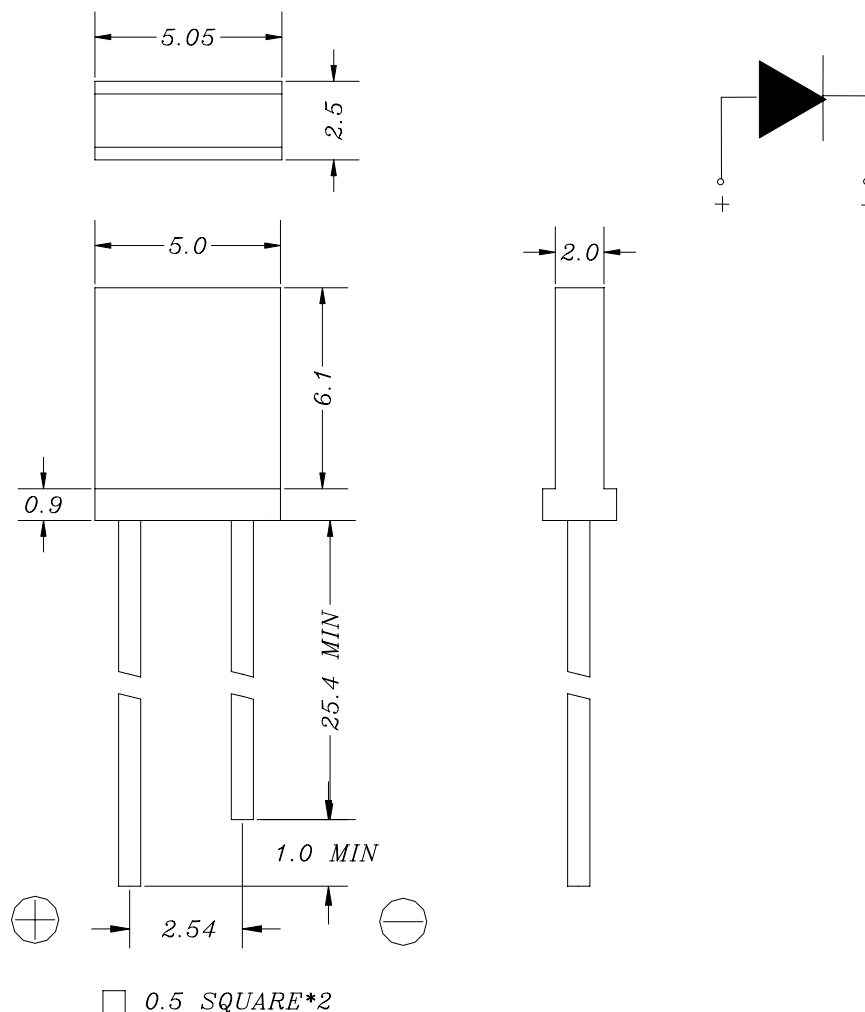


SHARLIGHT ELECTRONICS CO., LTD.

SPECIFICATION FOR APPROVAL

Part No. : SLB-025UG10-30160-LL

Package Dimensions



Part NO.	Chip Material	Lens Color	Emission Color
SLB-025UG10-30160-LL	AlInGaP	Green Diffused	Super Bright Green

Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}(.010")$ unless otherwise noted.
3. Protruded resin under flange is 1.0mm(.04") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specifications are subject to change without notice.



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SPECIFICATION FOR APPROVAL

Part No. : SLB-025UG10-30160-LL

Absolute Maximum Ratings at TA=25°C

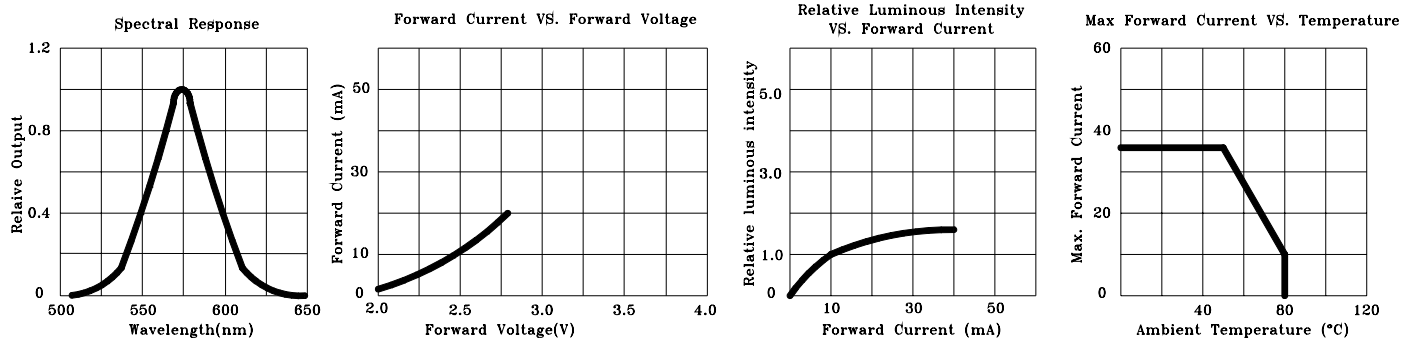
Parameter	Maximum Rating	Unit
Power Dissipation	84	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	35	mA
Reverse Voltage	5	V
Operating Temperature Range	-30°C to + 80°C	
Storage Temperature Range	-40°C to + 100°C	
Soldering Temperature[4mm(.157")From Body]	255°C for 5 Seconds	
Wave Soldering Temperature[4mm(.157")From Body]	Peak Temperature 245°C~260°C for 10 Seconds	
Reflow Soldering	NO	

Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	IV	9	15		mcd	IF = 20mA
Viewing Angle	2 θ 1/2	130	140	150	deg	IF = 20mA
Peak Emission Wavelength	λP		575		nm	IF = 20mA
Dominant Wavelength	λd	565	570	575	nm	IF = 20mA
Spectral Line Half-Width	$\Delta \lambda$		20		nm	IF = 20mA
Forward Voltage	VF		2.0	2.6	V	IF = 20mA
Reverse Current	IR			10	μA	VR = 5V

TYPICAL ELECTRON-OPTICAL CHARACTERISTIC CURVES

25°C Free Air Temperature Unless Otherwise Specified



LISTER : 葉芃 07-08-10

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