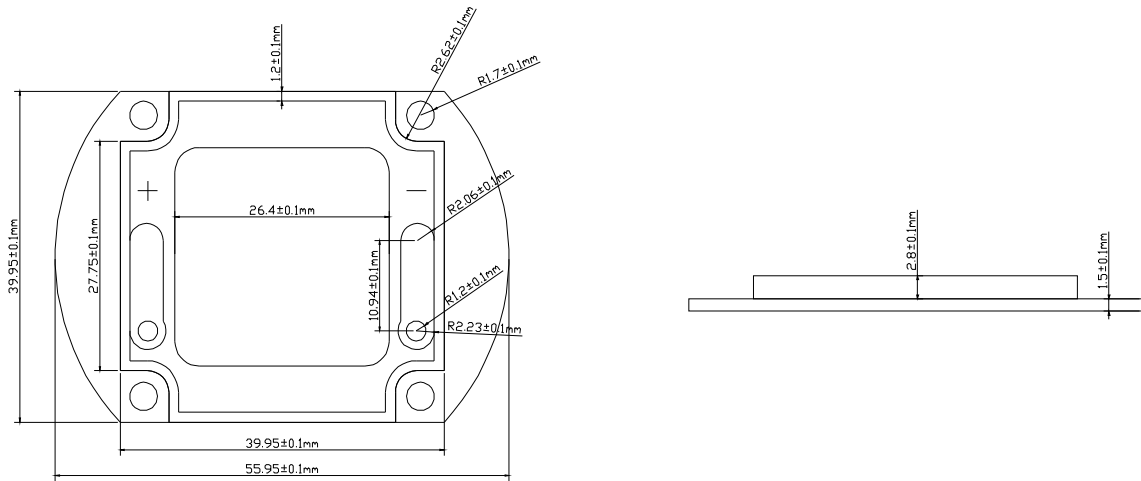


SPECIFICATION FOR APPROVAL

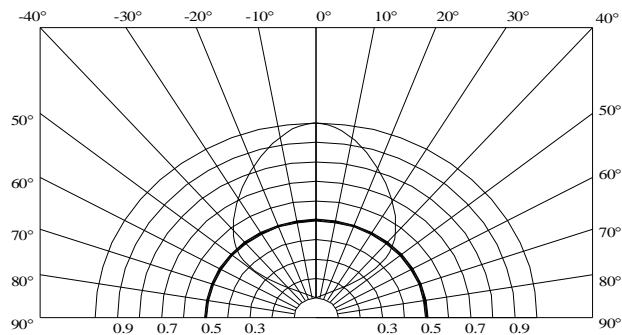
Package Dimensions



Notes

1. All dimensions are in millimeters (mm).
2. Tolerance is ± 0.25 mm unless otherwise noted.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.

Spatial Distribution



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SPECIFICATION FOR APPROVAL

Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	ϕ	3600	3900	4200	lm	IF =2000mA
Viewing Angle	2θ	115	120	125	deg	IF =2000mA
Dominant Wavelength	Tc	6000	6500	7000	K	IF =2000mA
Spectral Line Half-Width	$\Delta\lambda$				nm	IF =2000mA
Forward Voltage	VF	30.0	33.0	36.0	V	IF =2000mA
Reverse Current	IR			50	μ A	VR = 5V

Absolute Maximum Ratings at TA=25°C

Parameter	Maximum Rating
Power Dissipation	60W
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	4500mA
Continuous Forward Current	2000mA
Reverse Voltage	5V
Operating Temperature Range	-20°C to + 60°C
Storage Temperature Range	-20°C to + 60°C
Lead Soldering Temperature [1.6mm(.063") From Body]	260°C for 5 Seconds

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