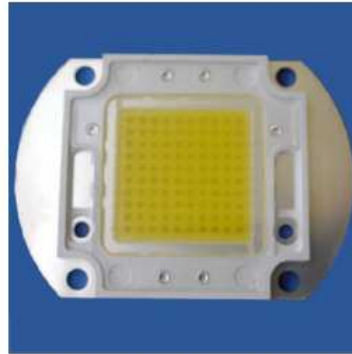


SE-200SL-WC

Features:

- ◆ Low forward voltage
- ◆ Color Temperature: 5500 to 6500K
- ◆ High reliability



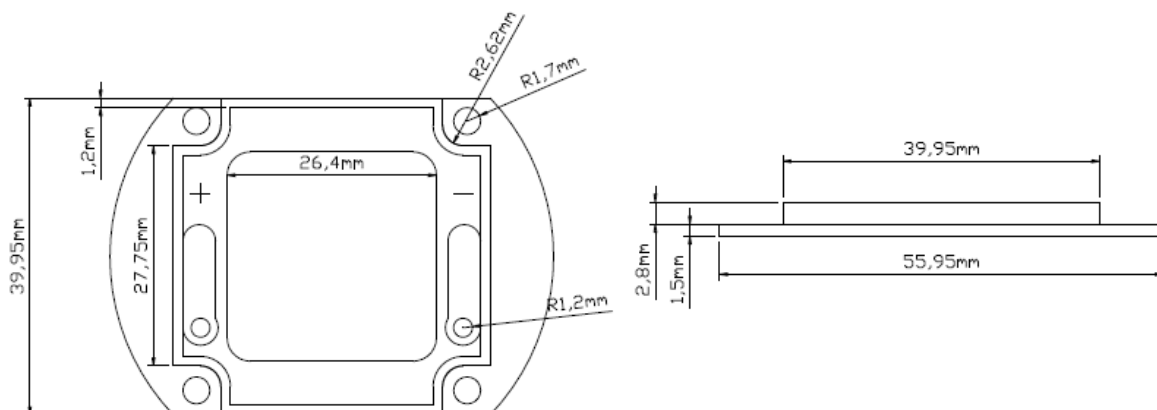
Description:

- The chip is an INGAN white emitting diode. The miniature side-facing device is molded in a white water clear package.
- The device is spectrally matched with phototransistor.

Applications:

- For the street light
- For the backlight of LCD

PART NO.	CHIP	LENS COLOR
	MATERIAL	
LED	INGAN	WATER CLEAR



Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Rating	Unit	Notice
Power Dissipation	PD	200	W	
Forward Current(DC)	IF	5600	mA	
Peak Forward Current	IFP	6000	mA	
Reverse Voltage	VR	20	V	
Operation Temperature	Topr	-20--+80	°C	
Storage Temperature	Tstg	-40--+100	°C	
Lead Soldering Temperature	Tsol	Max 260°C for 5sec Max. (3min from the of the epoxy bulb)		
Life	H	50000		

Pulse width $\leq 0.1\text{msec}$ duty $\leq 1/10$

Typical Electrical & Optical Characteristics(Ta=25°C)

Items	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage	VF	IF=5600mA	35	38	40	V
Reverse Current	IR	VR=5V			20	uA
Dominant Wavelength	Tc	IF=5600mA	5000	6000	6500	K
Luminous Intensity	Lm	IF=5600mA	12000	13000	14000	Lm
View Angle	2 θ 1/2	IF=5600mA		140		Deg