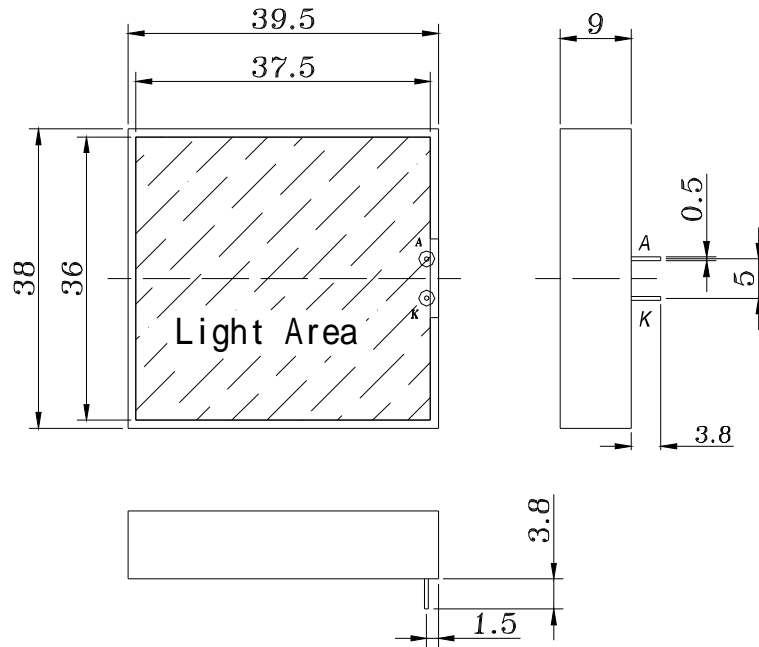
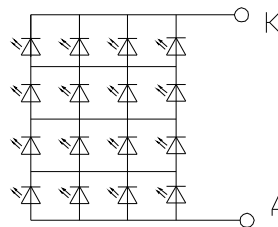


1、 Mechanical Outline(Unspecified Tolerances is: $\pm 0.3\text{mm}$) Color: White



2、 Lamp: 4 x 4 = 16



3、 Storage & Soldering Conditions:

- l Store with care. Storing the units in bad condition will cause the reflector sheet and decrease it's adhesive power. Storage the products under the condition: temperature ($25^{\circ}\text{C} \pm 10^{\circ}\text{C}$) and humidity ($65^{\circ}\text{CRH} \pm 20^{\circ}\text{CRH}$) our recommendation.
- l The soldering Temperature is $260 \pm 5^{\circ}\text{C}$ and Soldering Time should be less than 3 sec, and soldering iron power should be less than 30W.
- l The soldering point should be farther than 1.6mm from body.

4、ABSOLUTE MAXIMUM RATINGS

(Unless specified, The Ambient temperature Ta=25°C)

Item	Symbol	Condition	Rating	Unit
Absolute maximum forward current	Ifm		120	mA
Peak forward current	Ifp	1 msec Plus 10% Duty Cycle	200	mA
Reverse Voltage	Vr		20	V
Power dissipation	Pd		1500	mW
Operating Temperature Range	Topr		-20~+70	°C
Storage Temperature Range	Tstg		-20~+75	°C

5、ELECTRICAL-OPTICAL CHARACTERISTICS

(Unless specified, The Ambient temperature Ta=25°C)

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Forward Current	If	100	120	140	mA	Vf=12.8V
Forward Voltage	Vf	12.0	12.8	13.2	V	If=120mA
Reverse Current	Ir			120	μA	Vr=20V
Luminance (Without Glass)	Lv	130	150	170	cd/m ²	Vf=12.8V

6、Chromaticity Coordinates

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Typical x	x		0.28			If=60mA
Typical y	y		0.29			If=60mA

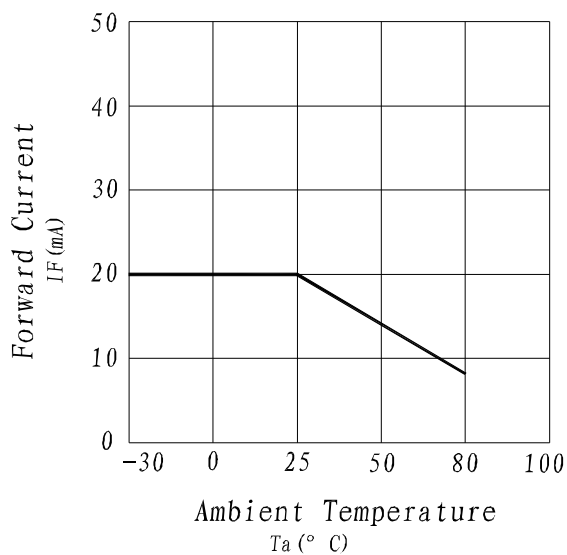
7、STATIC ELECTRICITY AND SURGE

ⓘ Static electricity and surge will damage the LEDs. It is recommended to use a wrist band or anti-electrostatic glove when handling the LEDs.

ⓘ All devices, equipment and machinery must be properly grounded.

8、LED Electrical Characteristics

Forward Current VS. Ambient Temperature



Relative Intensity VS. Ambient Temperature

