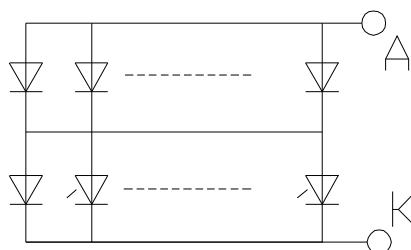


1、MECHANICAL OUTLINE(Unit: mm, Unspecified Tolerance  $\pm 0.2\text{mm}$ ) Color: Yellow Green

2、CIRCUIT DIAGRAM ( LED 2 x 48 = 96 dies)



3、SOLDERING CONDITIONS:

- I The Soldering Temperature is  $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$  and Soldering Time should be less than 3 sec, and soldering iron power should be less than 30W.
- I The soldering point should be farther than 1.6 mm from body.

4、ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Conditions	Max.	Unit
Absolute maximum forward current	Ifm		720	mA
Peak forward current	Ifp	1 msec plus 10% Duty Cycle	1440	mA
Reverse Voltage	Vr		10	V
Power dissipation	Pd		3000	mW
Operating Temperature Range	Topr		-20~+70	°C
Storage Temperature Range	Tstg		-20~+75	°C

5、ELECTRICAL-OPTICAL CHARACTERISTICS: (T=25°C)

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Forward Current	If	450	480	500	mA	Vf=4.2V
Forward Voltage	Vf	4.0	4.2	4.4	V	If=480mA
Reverse Current	Ir			480	μA	Vr=10V
Luminance	Lv		150		cd/m <sup>2</sup>	If=480mA
Peak wave length	λp	565	568	570	nm	If=480mA