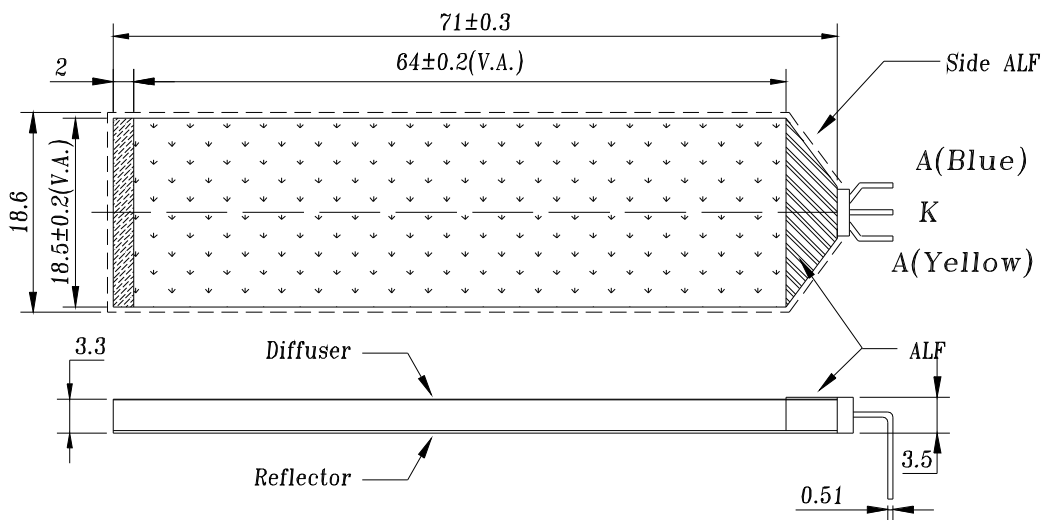


1、 Mechanical Outline(Unspecified Tolerances is: $\pm 0.3\text{mm}$) Color: Blue/Yellow



2、 Lamp: 1 x 1 =1

3、 Storage & Soldering Conditions:

- 1 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.
- 1 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.
- 1 The soldering point should be farther than 1.6mm from body.

4、 ABSOLUTE MAXIMUM RATINGS

(Unless specified, The Ambient temperature $T_a = 25^{\circ}\text{C}$)

Item	Symbol	Condition	Rating		Unit
			Blue	Orange	
Absolute maximum forward current	Ifm		30	25	mA
Peak forward current	Ifp	1 msec Plus 10% Duty Cycle	50	30	mA
Reverse Voltage	Vr		10	10	V
Power dissipation	Pd		100	50	mW
Operating Temperature Range	Topr		-20~+70		$^{\circ}\text{C}$
Storage Temperature Range	Tstg		-25~+70		$^{\circ}\text{C}$

5、ELECTRICAL-OPTICAL CHARACTERISTICS

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

Item	Sym bel	Blue			Orange			Unit	Condition
		Min.	Typ.	Max.	Min.	Typ.	Max.		
Forward Voltage	Vf	3.0	3.3	3.6	1.9	2.0	2.1	Vf	If=20mA _{x2}
Forward Current	If	15	20	25	10	15	20	mA	Vf=3.3(B) Vf=2.0(Y)
反向电流	Ir			10			10	μA	Vr=5V
光 强	Lv	50	60	70	40	50	60	mcd	If=20mA _{x2}
峰值波长	λp	465	467	470	580	585	590	nm	If=20mA _{x2}

6、STATIC ELECTRICITY AND SURGE

- 1 Static electricity and surge will damage the LEDs. It is recommended to use a wrist band or anti-electrostatic glove when handling the LEDs.
- 1 All devices, equipment and machinery must be properly grounded.