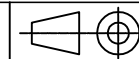
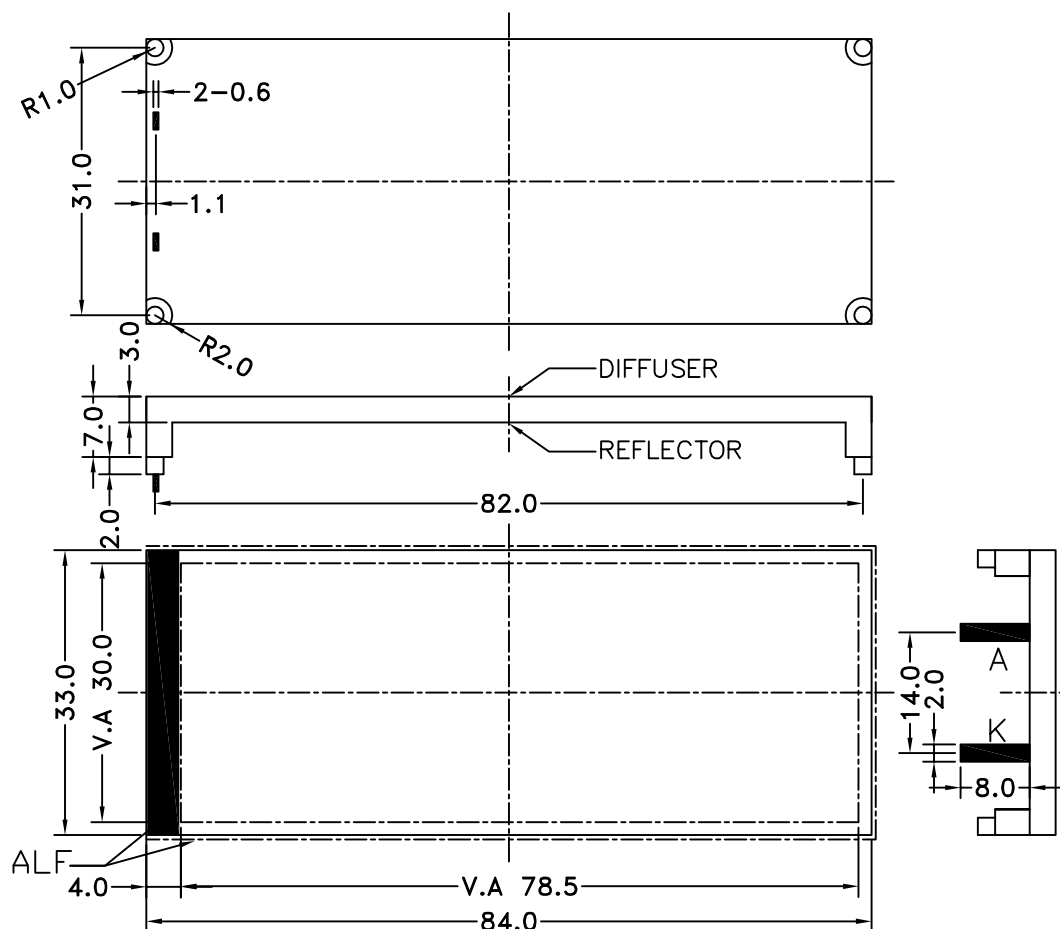
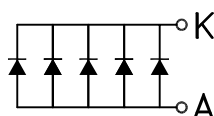


1. MECHANICAL OUTLINE

COLOR : SUPER BRIGHT GREEN

Unspecified Tolerances is ± 0.3 

2. CIRCUIT DIAGRAM (LED 1x5=5 dies)



3. STORAGE & SOLDERING CONDITIONS:

- Store with care. Storing the units in bad condition will cause the reflector sheet and decrease its adhesive power. Storage The products under the condition: temperature ($25^{\circ}\text{C} \pm 10^{\circ}\text{C}$) and humidity ($65\% \text{CRH} \pm 20\% \text{CRH}$) our recommendation.
- 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.
- The soldering point should be farther than 1.6mm (1/10") from body .

4. ABSOLUTE MAXIMUM RATINGS

Ta=25°C. Unless specified, The Ambient temperature Ta=25°C

Item	Symbol	Conditions	Rating	Unit
* Absolute maximum forward current	Ifm		125	mA
* Peak forward current	Ifp	1 msec \leq $\frac{1}{10} T$ и 1 msec Plus 10% Duty Cycle	300	mA
Reverse Voltage	Vr		5	V
* Power dissipation	Pd		250	mW
Operating Temperature Range	Topr		-30~+70°C	°C
Storage Temperature Range	Tstg		-40~+80°C	°C

*

For operation above 25°C, The Ifm Ifp & Pd must be derated, the Current derating is -1.80 mA/°C for DC drive and -4.30 mA/°C for Pulse drive, the Power dissipation is -3.75 mW/°C. The product working current must not more than the 60 % of the Ifm or Ifp according to the working temperature.

5. ELECTRICAL-OPTICAL CHARACTERISTICS

Ta=25°C. Unless specified, The Ambient temperature Ta=25°C

Item	Symbol	min.	typ.	max.	Unit	Condition
Forward Voltage	Vf	3.0	3.3	3.6	V	If= 100 mA
Reverse Current	Ir			100	μ A	Vr= 5 V
Peak wave length	λ_p		525		nm	If= 100 mA
Spectral Line Half width	$\Delta\lambda$		30		nm	If= 100 mA
* Luminance	Lv				cd/m ²	If= 100 mA

*

The luminance is the average value of 5 points, and The Lvmax./Lvmin. is less than 1.5 Typical (max 1.7). The measurement instrument is BM-7 luminance Colorimeter. The aperture is \varnothing 5 mm.

