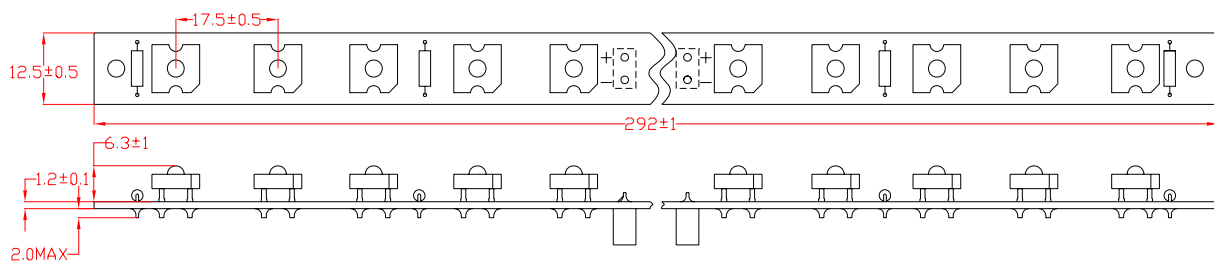




● **Features:**

- 1. Emitted color :Warm White
- 2. Lens Appearance : Water Clear
- 3. Indoor and outdoor application.
- 4. Low power consumption.
- 5. Wet and dust proof.

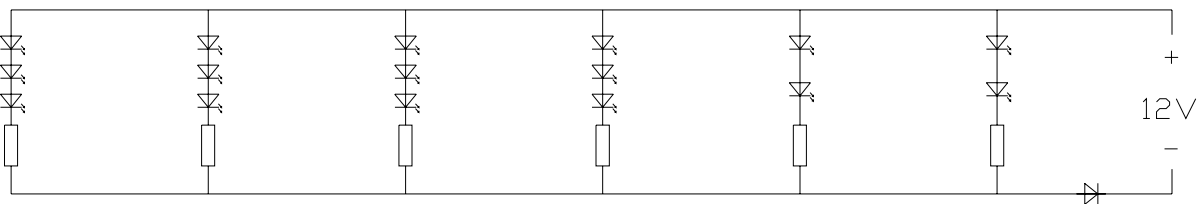
● **Package dimensions**



Notes:

- 1. All dimensions are in millimeters.
- 2. Tolerance is $\pm 0.3\text{mm}$ unless otherwise specified.
- 3. Lead spacing is measured where the leads emerge from the package.
- 4. Specifications are subject to change without notice.

● **Circuit Diagram**



● **Applications:**

- 1. Customer design.



● Absolute maximum ratings(Ta=25℃)

Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	4	W
Vcc	Vcc	13	V
Peak Forward Current* ¹	I _{FP}	600	mA
Reverse Voltage	V _R	10	V
Operating Temperature	Topr	-25℃~60℃	
Storage Temperature	Tstg	-30℃~85℃	

*¹Condition for I_{FP} is pulse of 1/10 duty and 0.1msec width.

● Electrical and optical characteristics(Ta=25℃)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Current	I _F	V _{CC} =12V	240	270	300	mA
Luminous Intensity	I _v	V _{CC} =12V	70	-	100	lm
Reverse Current	I _R	V _R =10V	-	-	180	μA
Color Rank		V _{CC} =12V	3000K~3500K		-	
Viewing Angle	θ/2	V _{CC} =12V	70	-----	80	deg