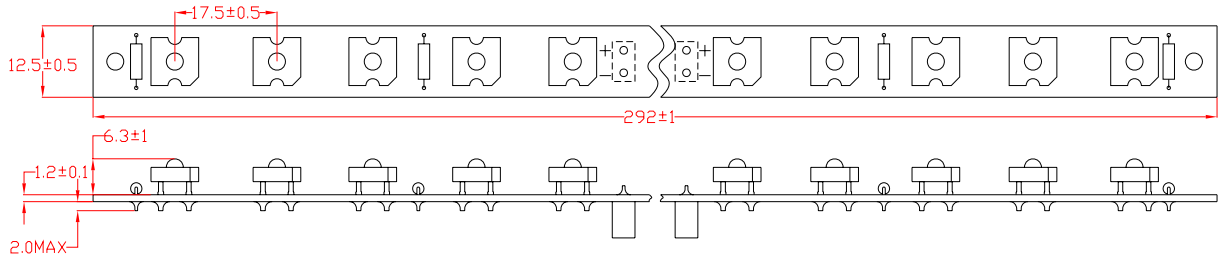
STR2-16G-80

- **Features:**

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

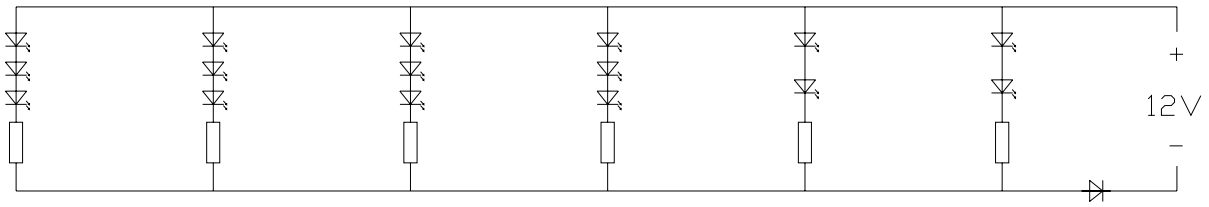
- **Package dimensions**



Notes:

1. All dimensions are in millimeters.
2. Tolerance is ±0.3mm 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	Vcc=12V	240	270	300	mA
Luminous Intensity	Iv	Vcc=12V	50	-	70	lm
Reverse Current	I_R	V_R=10V	-	-	180	μA
Color Rank		Vcc=12V	520~530			nm
Viewing Angle	$\theta_{1/2}$	Vcc=12V	70	---------	80	deg