

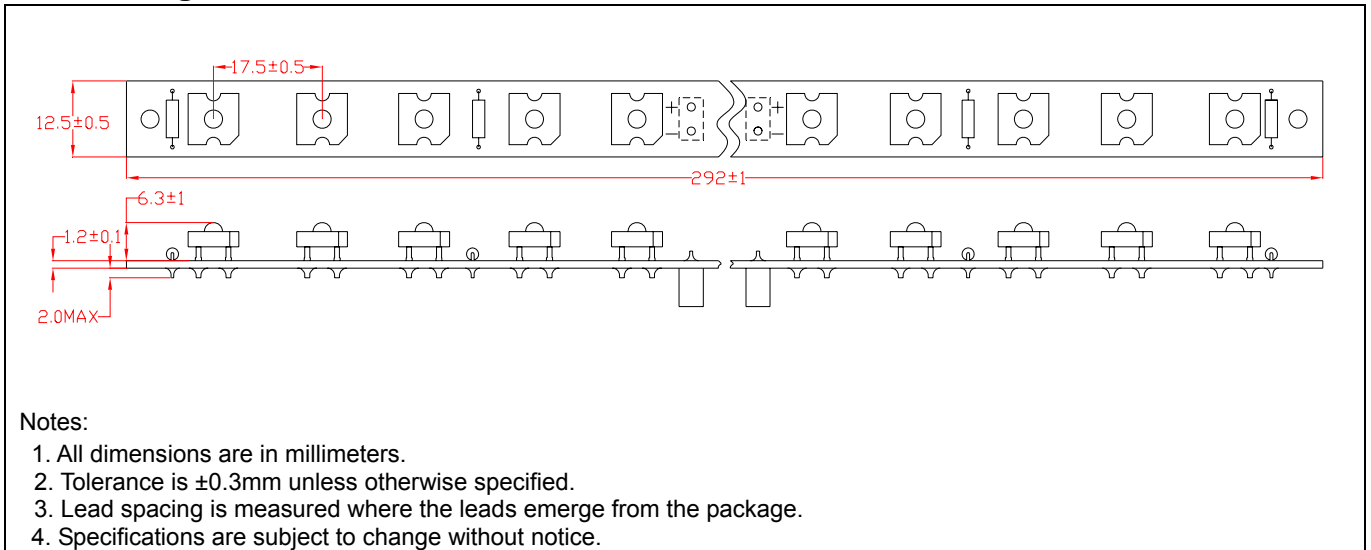


## STR2-16W-80

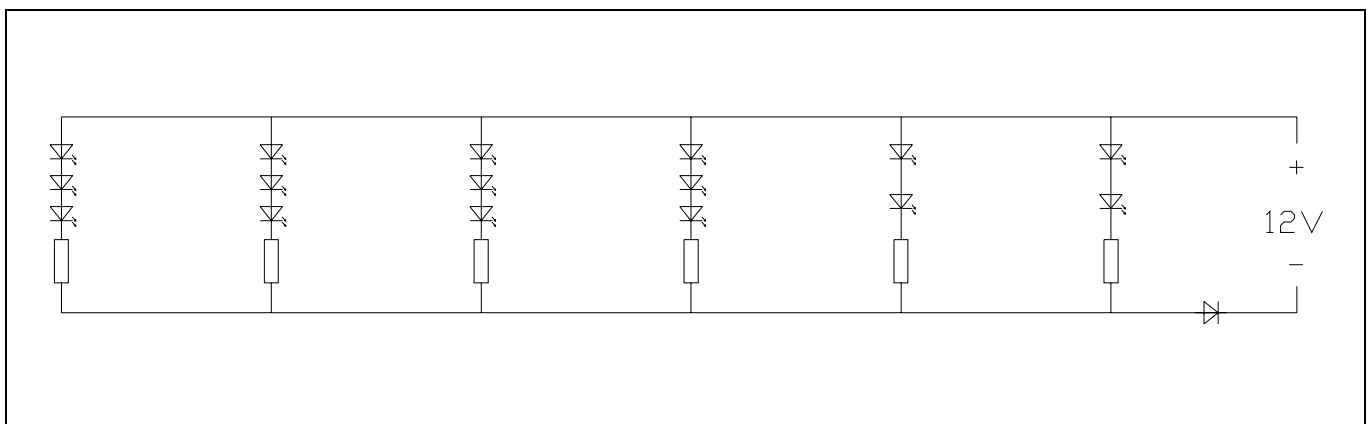
### ● Features:

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

### ● Package dimensions



### ● Circuit Diagram





**STR2-16W-80**

● **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* <sup>1</sup>	I <sub>FP</sub>	600	mA
Reverse Voltage	V <sub>R</sub>	10	V
Operating Temperature	Topr	-25℃~60℃	
Storage Temperature	Tstg	-30℃~85℃	

\*<sup>1</sup>Condition for I<sub>FP</sub> 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 <sub>F</sub>	Vcc=12V	240	270	300	mA
Luminous Intensity	I <sub>v</sub>	Vcc=12V	30	-	60	lm
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =10V	-	-	180	μA
Color Rank		Vcc=12V	X	Y	-	
			0.28~0.33	0.28~0.33		
Viewing Angle	θ <sub>2</sub>	Vcc=12V	70	-----	80	deg