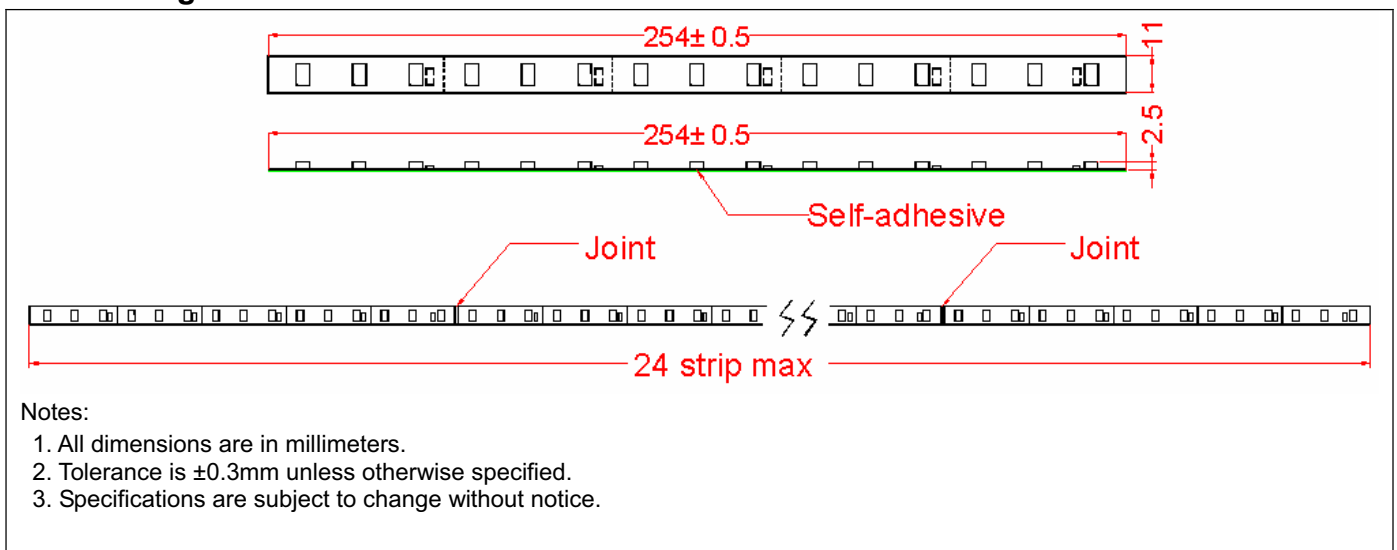


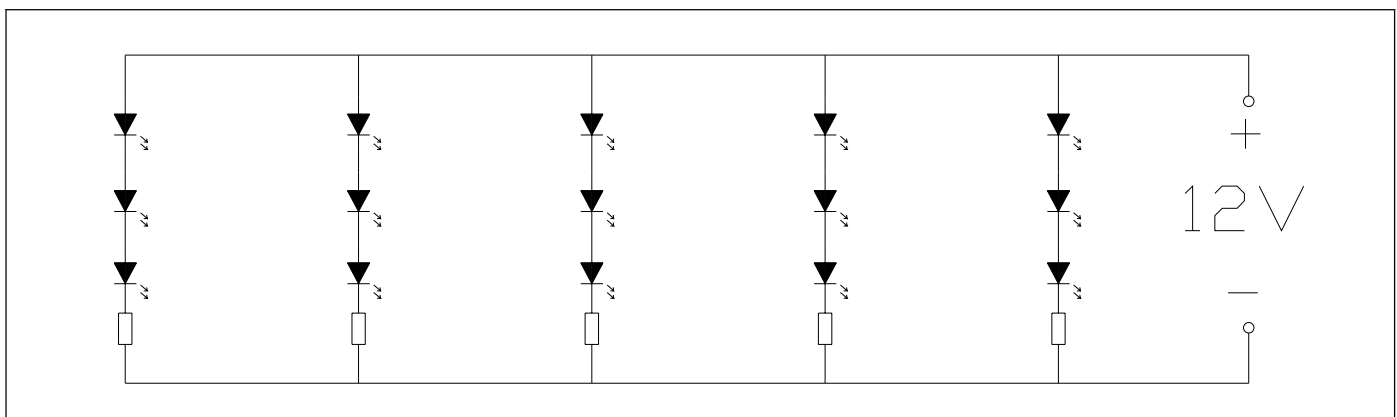
● **Features:**

1. Emitted color : Red、 Green、 Blue、 Yellow, White, Warm White
2. LED : Super Bright Top LED (PLCC2)
3. 11 x 254 mm = 15 LEDs = 5 x 3-LED part, minimum cut every 3 leds as per cut mark
4. Very long expected life of 100,000 hours.
5. 75% lumens maintenance at 50,000 hours
6. Powered from a regulated 12VDC
7. Flexible PCB ribbon construction
8. Low power consumption - less than 1.5 watt per strip
9. No ultraviolet (UV) or infrared (IR) in beam
10. Self-adhesive backing tape
11. For indoor applications
12. The module made up of 24 strips max

● **Package dimensions**



● **Circuit Diagram (UNIT)**



- Absolute maximum ratings($T_a=25^\circ\text{C}$)

Parameter	Symbol	Rating	Unit
Power Dissipation	P_d	1.5	W
Vcc	Vcc	13	V
Reverse Voltage	V_R	10	V
Operating Temperature	T_{opr}	$-25^\circ\text{C} \sim 60^\circ\text{C}$	
Storage Temperature	T_{stg}	$-30^\circ\text{C} \sim 85^\circ\text{C}$	

- Electrical and optical characteristics($T_a=25^\circ\text{C}$)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit	
Forward Current	I_F	$V_{cc}=12\text{V}$	70	90	110	mA	
Reverse Current	I_R	$V_R=10\text{V}$	-	-	50	μA	
Viewing Angle	$\Theta_{1/2}$	$V_{cc}=12\text{V}$	-	120	-	deg	
Blue	Wavelength	λ_D	$V_{cc}=12\text{V}$	-	470	-	nm
Green				-	525	-	
Yellow				-	589	-	
Red				-	624	-	
White				-	X: 0.33 Y: 0.33	-	
Blue	Luminous Intensity	I_v	$V_{cc}=12\text{V}$	675	1200	-	mcd
Green				1500	2400	-	
Yellow				750	1125	-	
Red				525	750	-	
White				-	3750	-	

