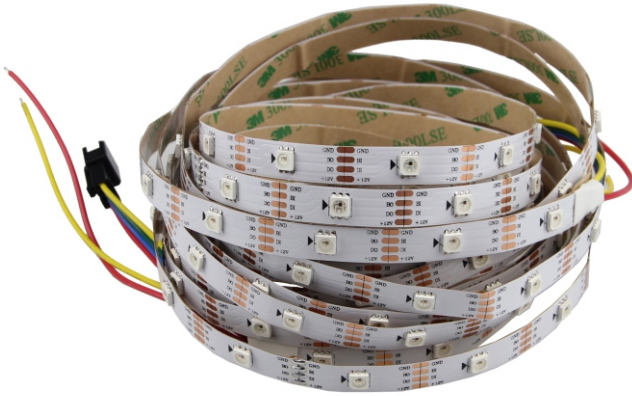


## RT1809 RGB 12V Addressable LED strip 30LEDs/m



### ◆ Product Description:

This is a new chip again from worldsemi family based on WS2812B and WS2813

To solve the chip breakdown and strip's voltage drop, now we welcome RT1809

The Flex is 30pixels/ LED per meter, and 5m in a roll It's cut-able per unit LED with a large soldering Pad which makes easy to re-solder again

This PCB made by 3Ounce copper for more reliable application

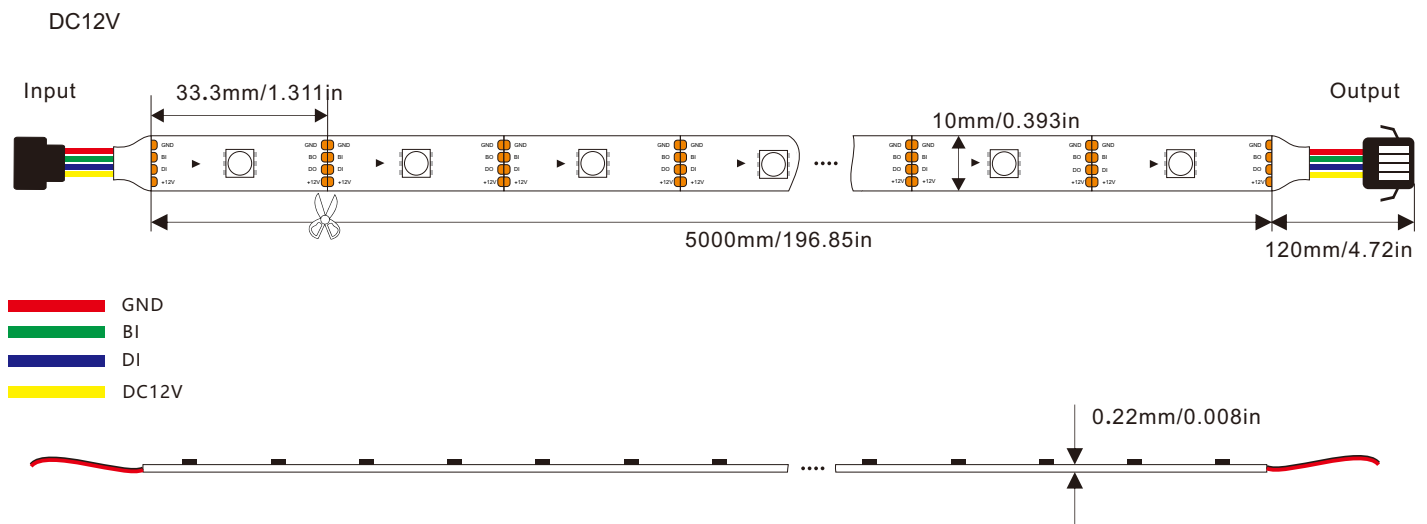
3M tape attached on backside of strip

Again we suggested you power it every 5 meters even it's 12V addressable

### ◆ Product Datasheet

Product Number	S010030CB3SD2	Luminance/M	R: 22lm G: 68lm B: 15lm
Operating Voltage	DC12V	Ra	/
Power/M	4.5W	Beam Angle	120°
SMD Type	SMD 5050	Size (mm)	5000 * 10mm
LED Qty/M	30	IP Rate	IP20/IP65
Color	RGB	Operation Temperature	- 25 ~ 60 °C
Pixel/M	30	Material	FPC
Control	RT1809	Cutting Length	33.3mm
Wavelength	R:620-625 G:520-525 B:460-465nm	Net Weight/Roll	0.13KG

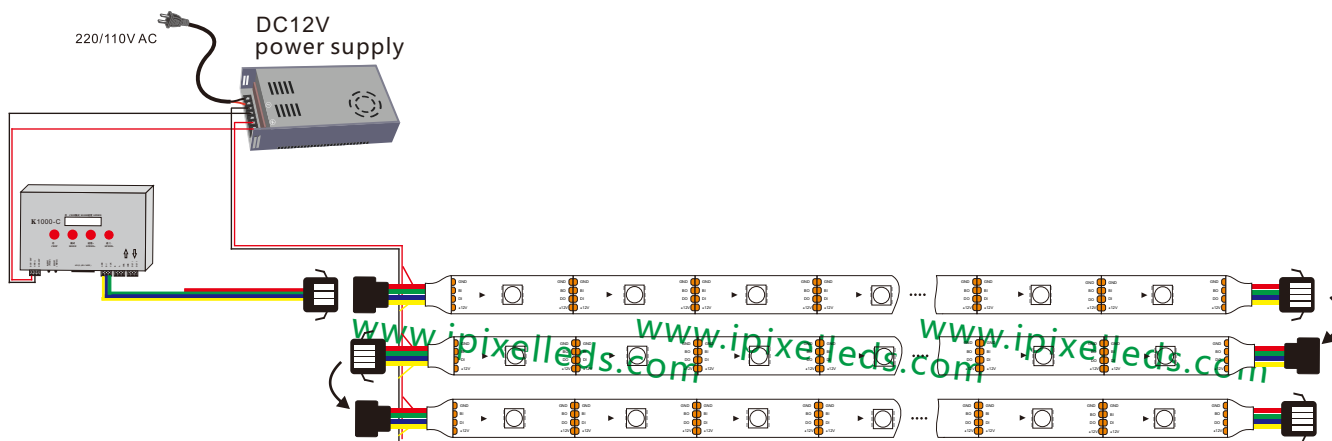
### ◆ Outline Dimension (unit: mm)



## ◆ Order number

DC12V	RGB	White PCB	IP20	S010030CB3SD2/C1
DC12V	RGB	White PCB	IP65	S010030CB3SD2/C2
DC12V	RGB	Black PCB	IP20	S010030CB3SD2/C1
DC12V	RGB	Black PCB	IP65	S010030CB3SD2/C2

## ◆ Wiring diagram



## ◆ Strip IP Rate



## ◆ Accessories



Screw

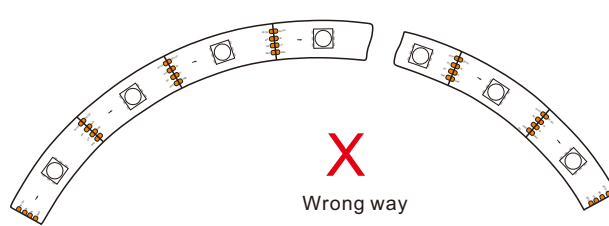
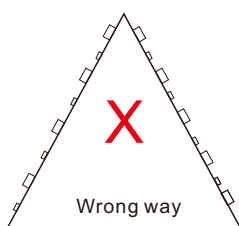
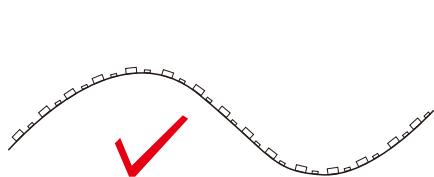


Silicone clip



End cap

## ◆ Schematic diagram of maximum bending prevention



Note: The parameters are subject to change without notice!