

## Product Feature :



- 3528 SMD LED as light source,super luminous flux,large viewing angle,even lighting,low light attenuation.
- Energy saving,environment-friendly,long life span 50,000hrs.
- Three sizes matching with each other can meet most large or small channel letters.
- Smallest LED backlighting module in the world currently.Protection grade IP65.Suitable for super thin super small channel letters backlighting.

## Specification

LED Type 3528SMD LED  
Available Color R/G/B/Y/W  
Angle( $2\theta_{1/2}$ )  $\geq 140^\circ$

### Luminous Flux (lm)

Red Light	Green Light	Blue Light	Yello Light	White Light	White Cold
4	10	4	4	14	14

### Wavelength Scope (nm or K)

Red Light	Green Light	Blue Light	Yello Light	White Light	White Cold
619~635	512~528	463~475	584~595	5500-6500	9000-11000

LED Qty 2pcs

Life Span 50, 000h

## Electrical Parameter

Working Voltage DC12V  
Working Current 25mA  
Power 0.3W  
Driving Method constant voltage

## Wires & Series Connection Length

### Wires

Stand Length In Serial Connection 20pcs  
Maximum Length In Serial Connector  $\leq 40$ pcs

## Outer Parameter

Shell ABS  
Dimension 26\*7\*4mm  
Color milk yellow

## Fixed mode

### Screw

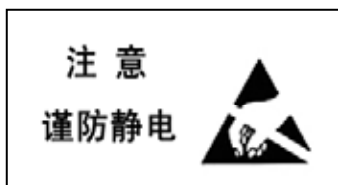
### Double-sided adhesive

## Environment Parameter

Working Temperature -40 ——60  
Store Temperature -50 ——80  
IP Degree IP65

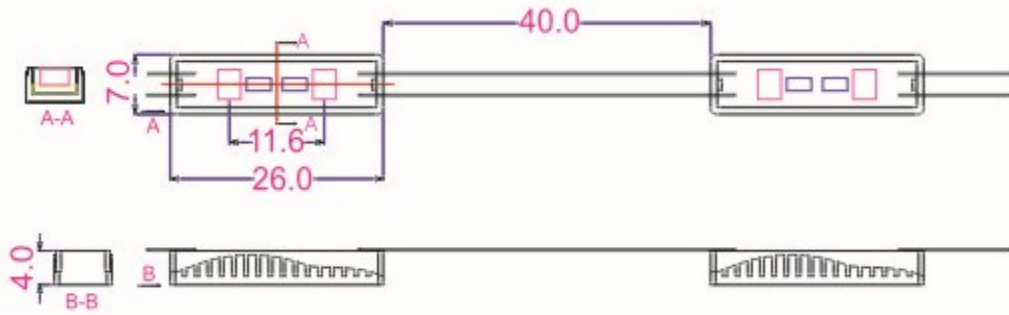


# RoHS

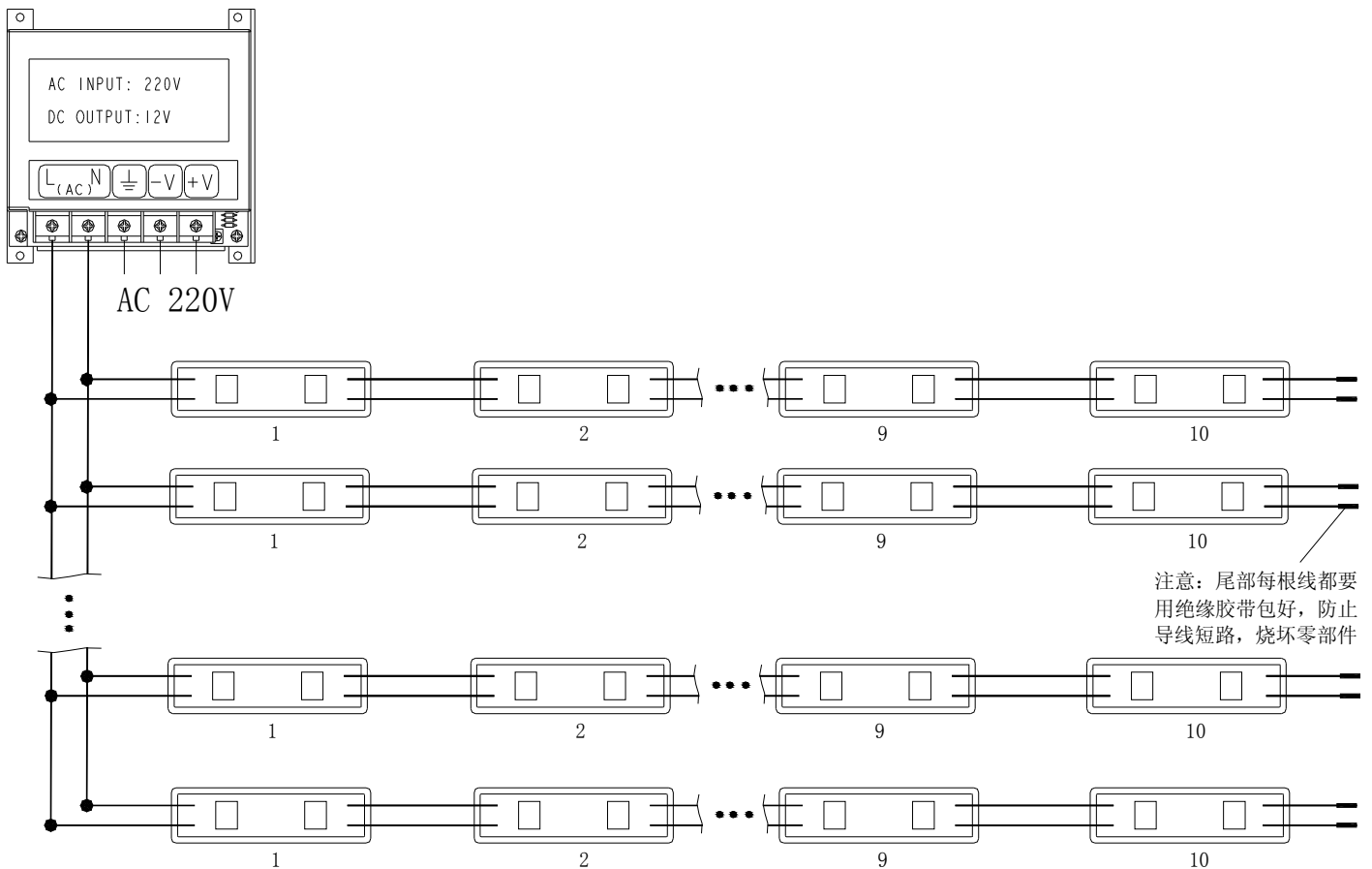


Dimension (Unit: mm) :

Installation Chart (Unit: mm) :



Connection Diagram (Unit: mm) :



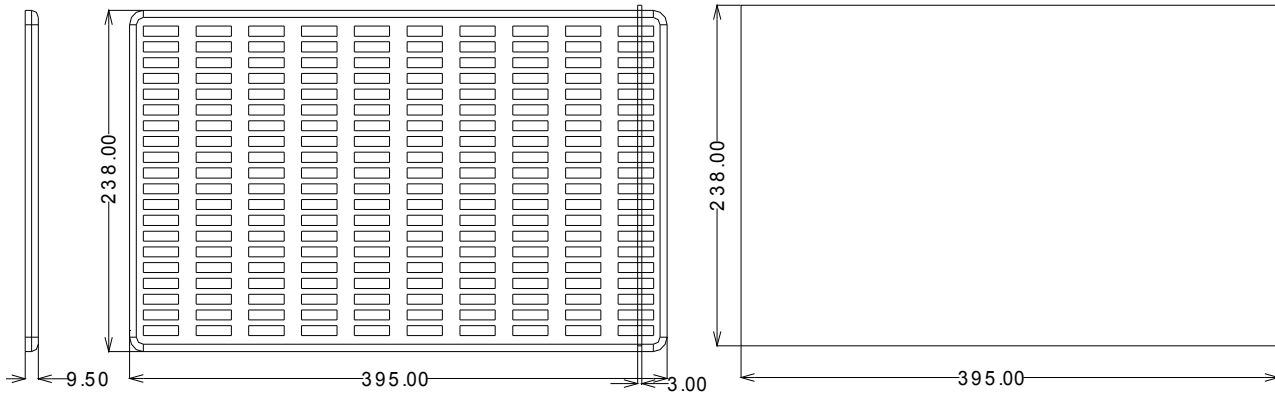
### Notes:

- 1.20# cable are recommend for the chain of modules,it maybe cause brightness difference in the beginning and the end if cable length more than advised.
- 2.The both ends of extention shall be dealt with as waterproof;
- 3.Don't work under the situations of touching in static-electronics environments or light on
- 4.The modules can be connected to 40 pcs at maximum in series;Parallel connection for more than 20pcs are strongly recommend

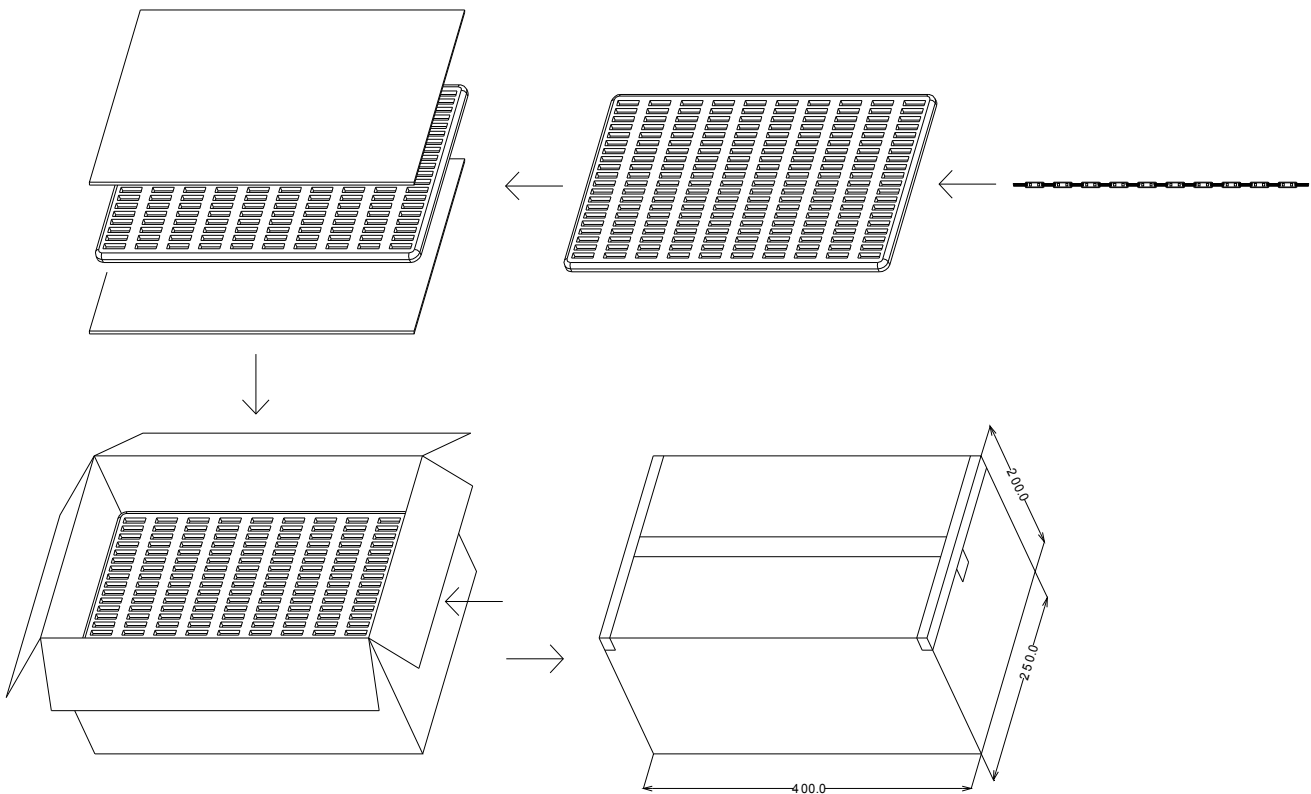
5.High-quality LED power transformer are strongly recommend(with steady output).

Inner Package Dimension(Unit: mm ) ·

Anti-static bag Dimension ( Unit: mm )



Outer Package Dimension ( Unit: mm ) :



### Cautions:

- 1.anti-static package,20pcs a chain,5chain each bag,500pcs total bag.
- 2.Maximum package:20 bag each box,total 7000pcs
- 3.net weight/pcs ( NG ) :  $1.35 \pm 10\%g$
- 4.Maximum gross weight/box ( WG ) :  $12 \pm 15\%Kg$