

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.**(CONSTANT IC will be available soon)**

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
6	15	6	6	21	21

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 3pcs
 Life Span 50, 000h

Electrical Parameter

Working Voltage DC12V
 Working Current 25mA
 Power 0.30W
 Driving Method constant voltage

Wires & Series Connection Length

Wires

Stand Length In Serial Connection 20pcs
 Maximum Length In Serial Connector ≤ 40 pcs

Outer Parameter

Shell ABS
 Dimension 39*12*4.0mm
 Color milk yellow

Fixed mode

Screw

Double-sided adhesive

Environment Parameter

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

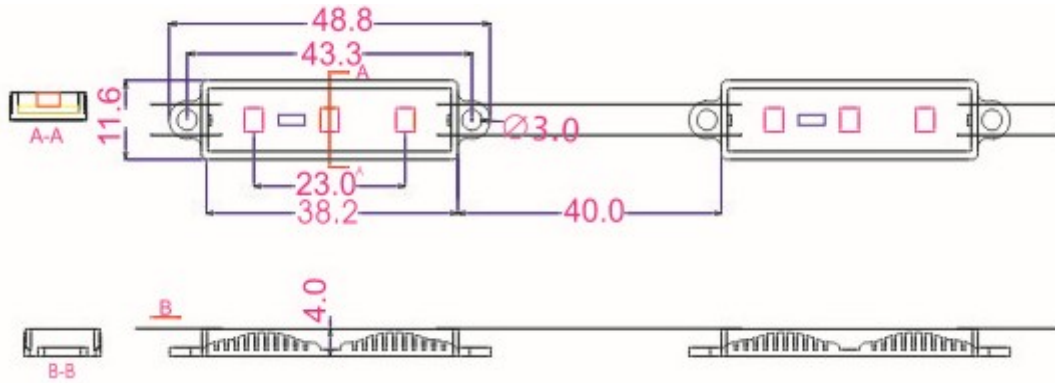


RoHS

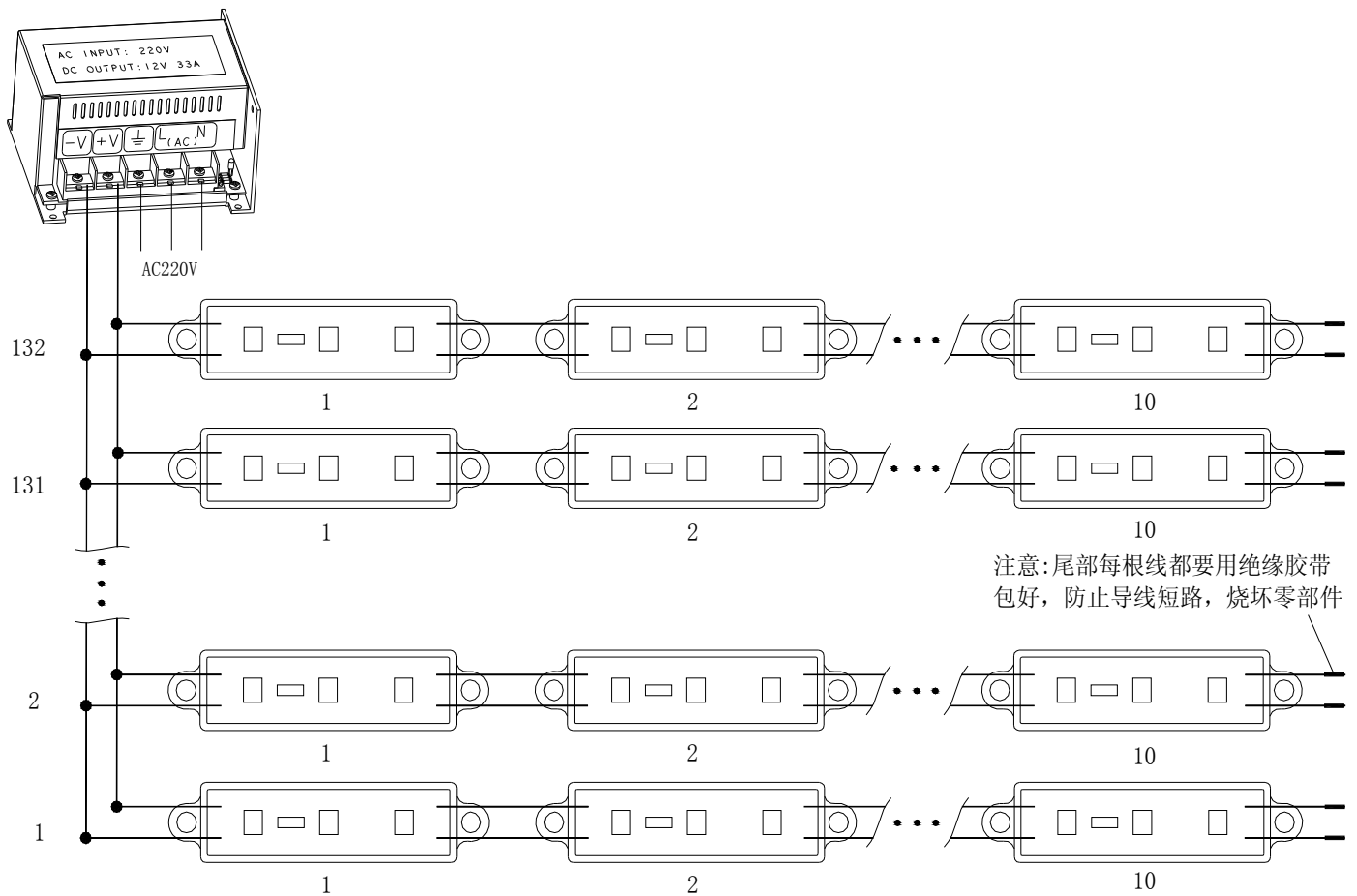


Dimension (Unit: mm) :

Installation Chart (Unit: mm) :



Connection Diagram (Unit: mm) :



Notes:

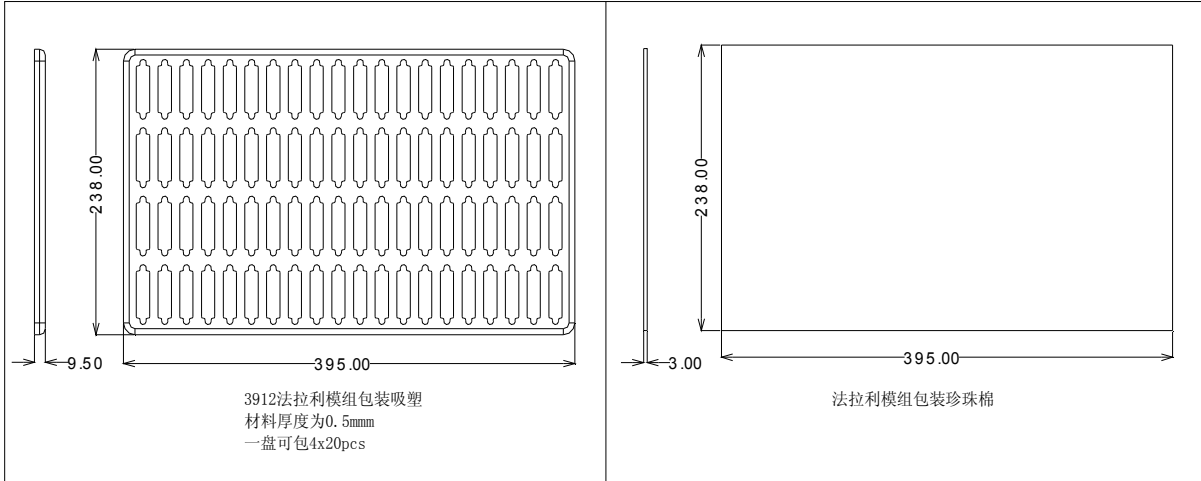
1. 20# cable are recommend for the chain of modules, it maybe cause brightness difference in the beginning and the end if cable length more than advised.
2. The both ends of extention shall be dealed with as waterproof;
3. Don't work under the situations of touching in static-electronics environments 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

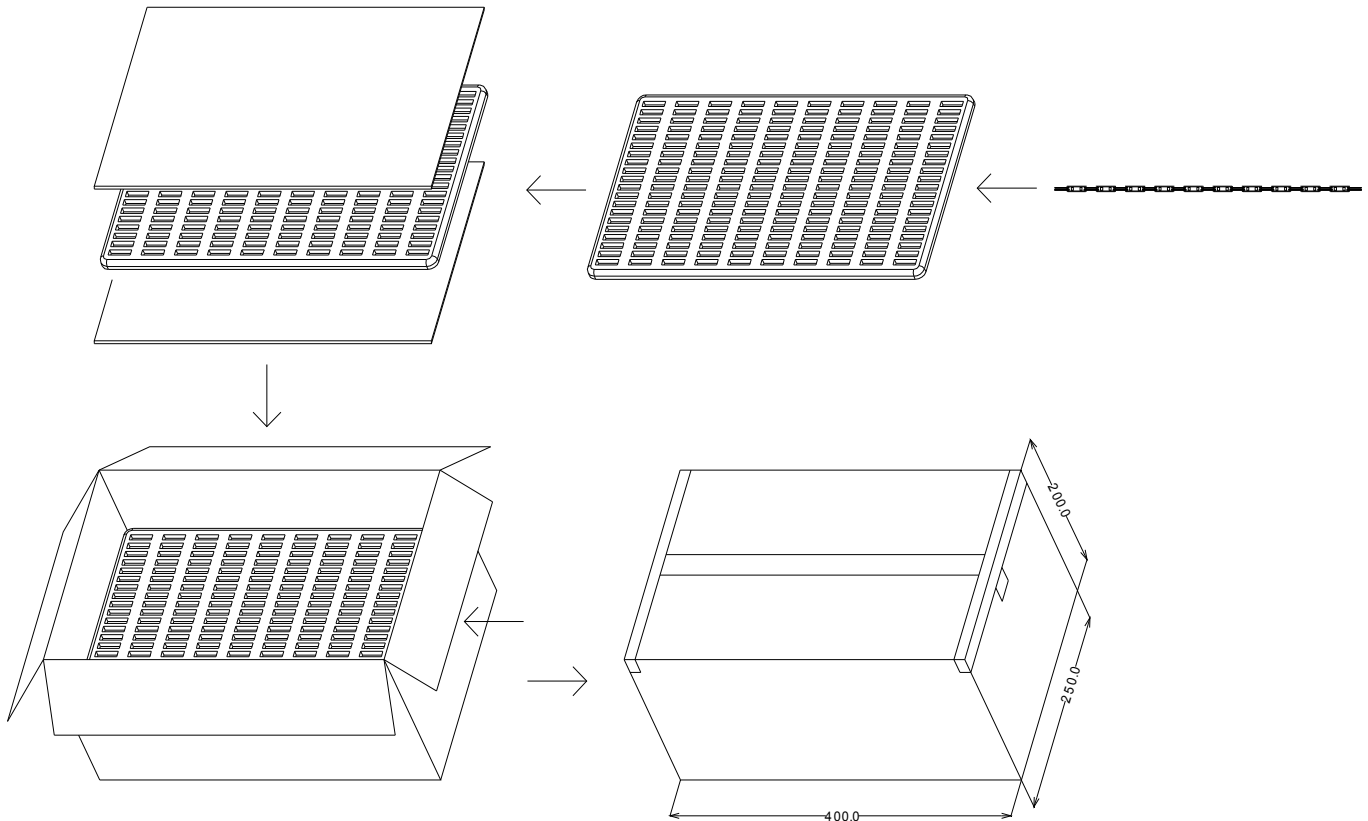
5.High-quality LED power transformer are strongly recommend(with steady output).

Inner Package Dimension(Unit: mm) :

Anti-static bag Dimension (Unit: mm)



Outer Package Dimension (Unit: mm) :



Cautions:

1.anti-static package,20pcs a chain,20 chain each bag,400pcs total bag.

2.Maximum package:20 bag each box,total 4000pcs

3.net weight/pcs (NG) : $3\pm 10\%$ g

4.Maximum gross weight/box (WG) : $12.4\pm 15\%$ Kg