LED Full color module HTD-753IC-RGBW-DMX

Product description：

HTD-753IC-RGBW-DMX module is made by PC plastic shell and PCB and red yellow, green,blue 4Pins line (high temperature resistant, cold resistant, UV resistant), including 3pcs 5050RGBW SMDLEDs, this product has high brightness, low power consumption, long life, low voltage, small attenuation, rich colors, etc. Products can achieve effect of flowing water, chase, scanning, etc. Depending on the installation, but it was a composition change different color characters, design, etc. Various kinds of dynamic effect.

Widely used in Amusement parks and theme parks, hotel, KTV entertainment and other backlight or AD decorative lighting, etc.

*Tips:

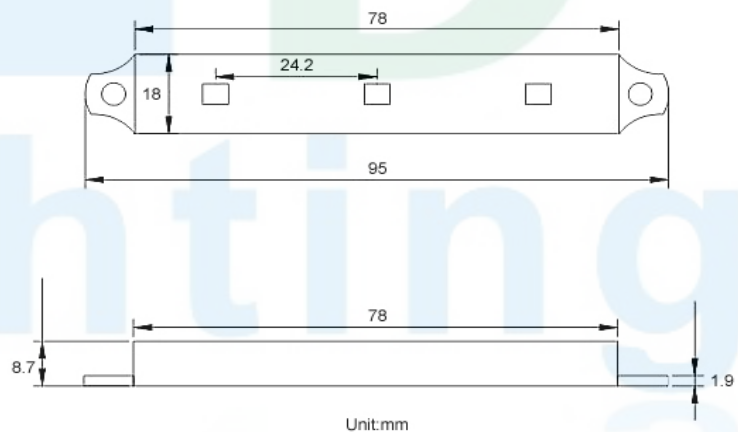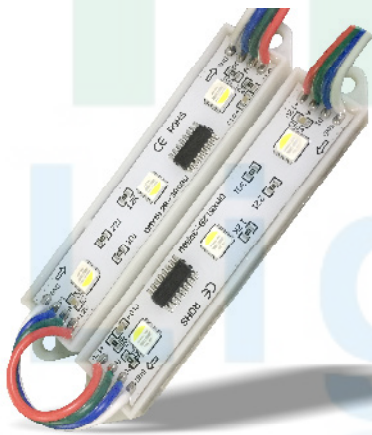When we computing power should retain 20% of the allowance.

Prohibited surpass 20pcs pcer string to use in one parallel.

If 40pcs per string to connect kindly ensure that both ends connect DC12V power,achieve the best use effect.

Usually no more than 6 meters about the wiring length for Main line or each string of pixel light.

Product figure：

Unit:mm

Optical properties：

No.	Color	LED quantity	（lm/1LED）	nm/K	LED Type	CRI	Subassembly
HTD-753IC-RGBW-DMX	Red	3	6	619-635	SMD5050 RGBW /RGBWW /RGBNW	>72-80	20PCS/String
	Green		12-14	512-528			
	Bue		9	463-475			
	White		16-19	3000/6500K			

HTD-753IC-RGBW-DMX color Module parameter：

Item	Parameter	Unit
Working voltage	12	VDC
Working power	0.96	W
Operating Temperature	-40 ~60	℃
IP level	IP66	IP
Appearance size	L95*W18*H8.7	mm
Wire length between module	80-90	mm
Light source life	≥50000	Hrs
Shine Angle	≥120°	
Weight/PCS	14	g

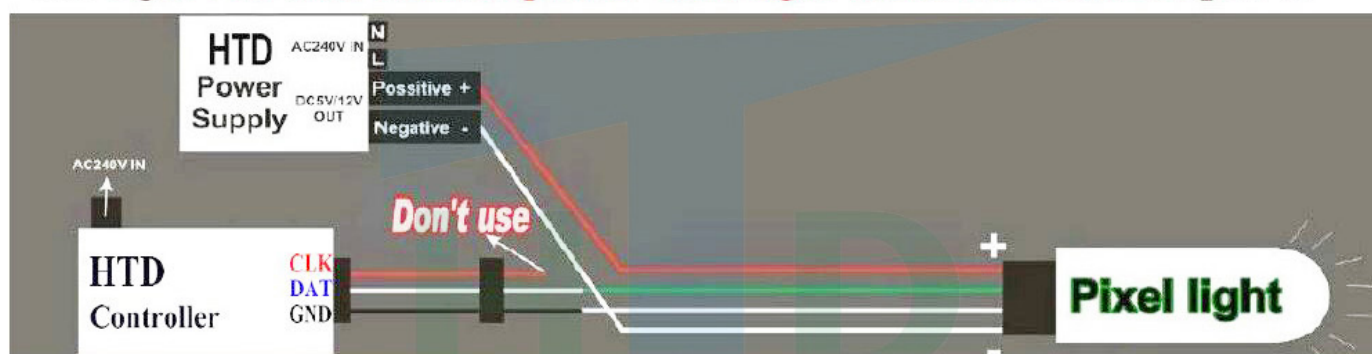## LED Full color module HTD-753IC-RGBW-DMX

Note：

 1.Above dimensions are given in mm;

 2.The above dimensions tolerance which is 0.1mm, unless otherwise specified.

Connection mode (see below)

*Full color wiring diagram

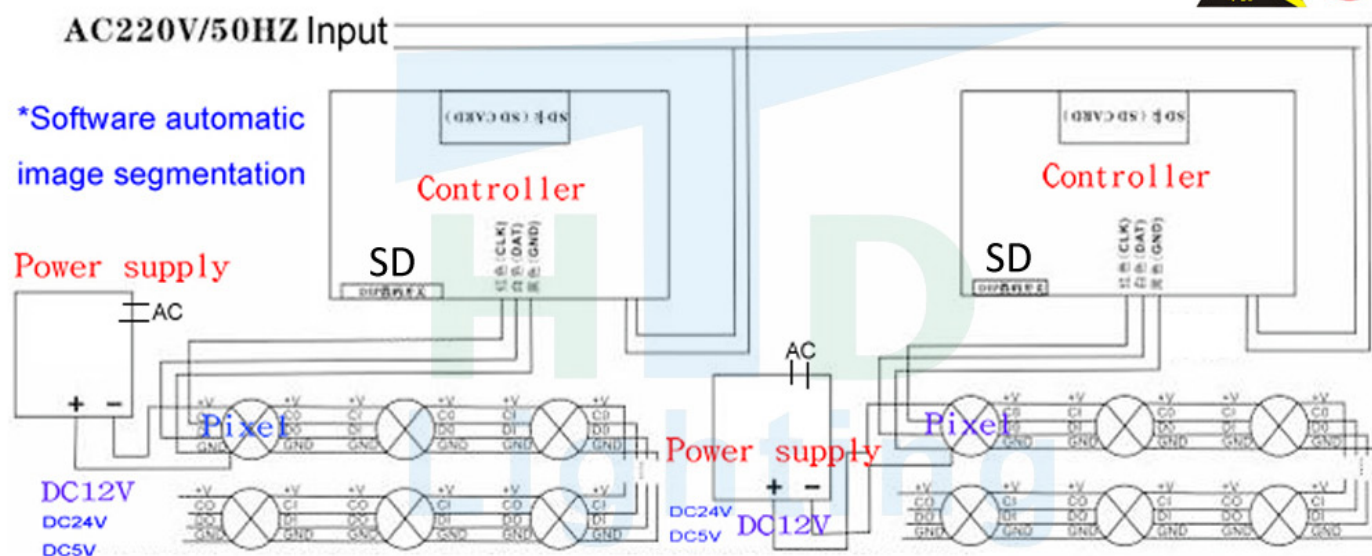The light red wire connect power +,the light white wire connect power -

The light green wire connect controller DAT
The light white wire connect controller GND

In one string two ends the first pixel have 4PIN wires,
The middle pixels all is 3PIN wires,20pcs/string.

*Note: If you need a controller use manual,please consult the relevant business personnel. （Different controller will have different connect way）

#Controller HTD-2048 technology parameters: (More detailed information please see the controller controller specification accessories.)	
Item	Parameters
Input voltage	AC110V/220V (according to the end-user environment, the factory configuration)
Power plug	GB, the British regulations, the United States and its rules (based on end-user environment, the factory configuration)
Power consumption	<2W
Control Protocol	ICC/DMX512/1990

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Support chips	LPD6803/D705/D709/WS2801/DMX512/1990/1903 decoding device/drive.
Control points	1200 Point 2048 Point 512 addresses (channels)
Gray scale level	32level/256level
SD Card	Supports the FAT or FAT16 file system
Operating Temperature	−35℃—75℃
Playback speed	Default of 20 frames / sec; switch DIP switch in between 1-40 and 8 adjustable speed
Indicator	Power indicator (Green Power), the playback speed of light (red, State)

The controller type simple introduction:

	HTD-1000 Use SD program drive	Digital full color synchronization	Control 1000 Pixel lights	AC220V/110V
	HTD-2048 Use SD program drive	Digital full color synchronization	Control 2048 lights	AC220V/110V
	HTD-8000C Use SD program drive	Master control machine	Control 8000lights	AC220V/110V
	HTD-200K Use SD program drive or PC	Optional 220V/110AC Input Can computer real-time broadcast 8 outlets and control 4096 points.(But can control 8192pcs 6803IC) Built-in router can be connect to used in series for each.		

DIP switch "ON" under the corresponding speed, or the speed of the corresponding invalid; if more than one DIP switch while pressing at the maximum speed of the remaining invalid; any switch is pressedat the SD card set speed to play, power-controller comes with a pattern initial speed of 20 frames/sec.
If need DMX control, will need Match 1 controller to 1 decoder, the control console need match 1pcs at least.

HTD Engineering Deparmen 2018 In ShenZhen/Fictiones

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