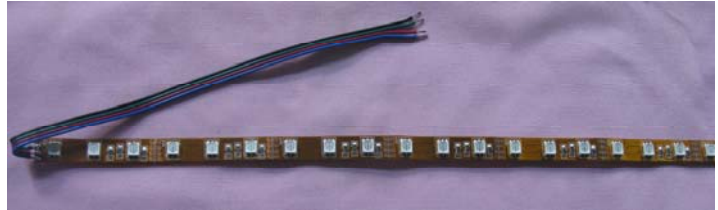




ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

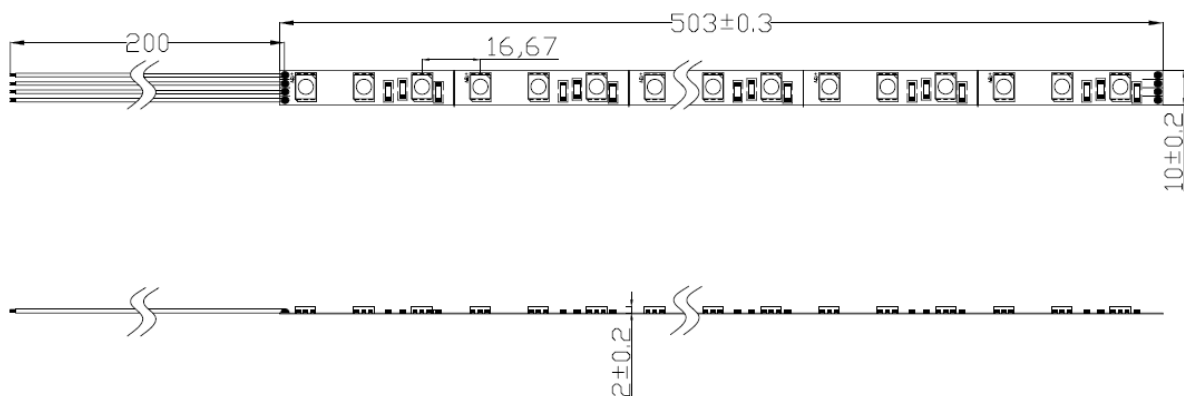
LD-X-5060RGB30KX5N1-12



Features

- 503MMX10MM SMD LIGHT RIBBON (30-LED) .
- PRINTED CIRCUIT BOARD THICKNESS: 0.2MM
- WORKING VOLTAGE: 12V DC.
- WORKING CURRENT: 600MA.
- LED VIEW ANGLE(2 θ 1/2):120° .
- PACKAGE: 5meters / REEL.

Package Dimensions



Notes:

1. All dimension units are millimeters.

Absolute Maximum Rating at TA=25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	600	mA
Power Dissipation	PD	7.2	W
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-15~+40	°C
Storage Temperature	Tstg	-40~+80	°C

Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Color	Condition	Min	Typ	Max	Unit
Forward Voltage DC	VF	RGB	IF=600mA	11.5	12	12.5	V
Dominant Wavelength	λD	R	IF=600mA	618	--	621	nm
		G	IF=600mA	515	--	520	
		B	IF=600mA	465	--	470	
Luminous flux	φV	R	IF=600mA	30		40	lm
		G	IF=600mA	50		60	
		B	IF=600mA	10		20	
Recommend Forward Current	IF(rec)	--	--	--	600	640	mA

Notes:

1. Tolerance of measurement of luminous intensity±15%.
2. The above is 0.5 meter specification parameter.
3. Disclaimer: The parameter of specification is according to the sample.only for reference.
4. When the black line connected to the positive:
 - Connect the green line blue light bright.;
 - Connect the red line red light bright;
 - Connect the blue line green light bright

Package means



APPLICATIONS

- EDGE-LIGHTING OF TRANSPARENT OR DIFFUSED MATERIALS.
- PATH&CONTOUR MARKING.
- ILLUMINATED SIGNS.
- MOOD LIGHTING .