

Model No.	OSMF50E15GA-TFMBS4C1A-X
REV.	C2

PRODUCT SPECIFICATION FOR **RGB Ribbon Light**

Descriptions:

- Linear separable LED strip on flexible printed circuit board with self-adhesive back.
- Long life, Easy Installation
- Voltages Available 12VDC
- LED Model Number:OSTFMBS4C1A
- This is Common Anode to drive, And the Common Cathode to drive is:OSMFA0E30GP-TCMBS4C1A-X

Features:

- RGB LED Ribbon Light,
- Directly use on line voltage
- Low Power Consumption , High intensity
- Energy saving
- Excellent beam control
- Long life

Application:

- Channel letter signs
- Indirect accent décor light
- Large area back lighting
- Under counter light
- Decorate building 's contour
- Substitute neon light

Product Picture:





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Device Selection Guide

Module No.	Color	Dom. Wavelength (Typ.)	Intensity / Per LED (Typ.)
OSMFA0E30GA- TFMBS4C1A-X	Red	625±5nm	1000 mcd
	Green	530±5nm	900 mcd
	Blue	475±5nm	400 mcd

Absolute Maximum Ratings(Ta=25)

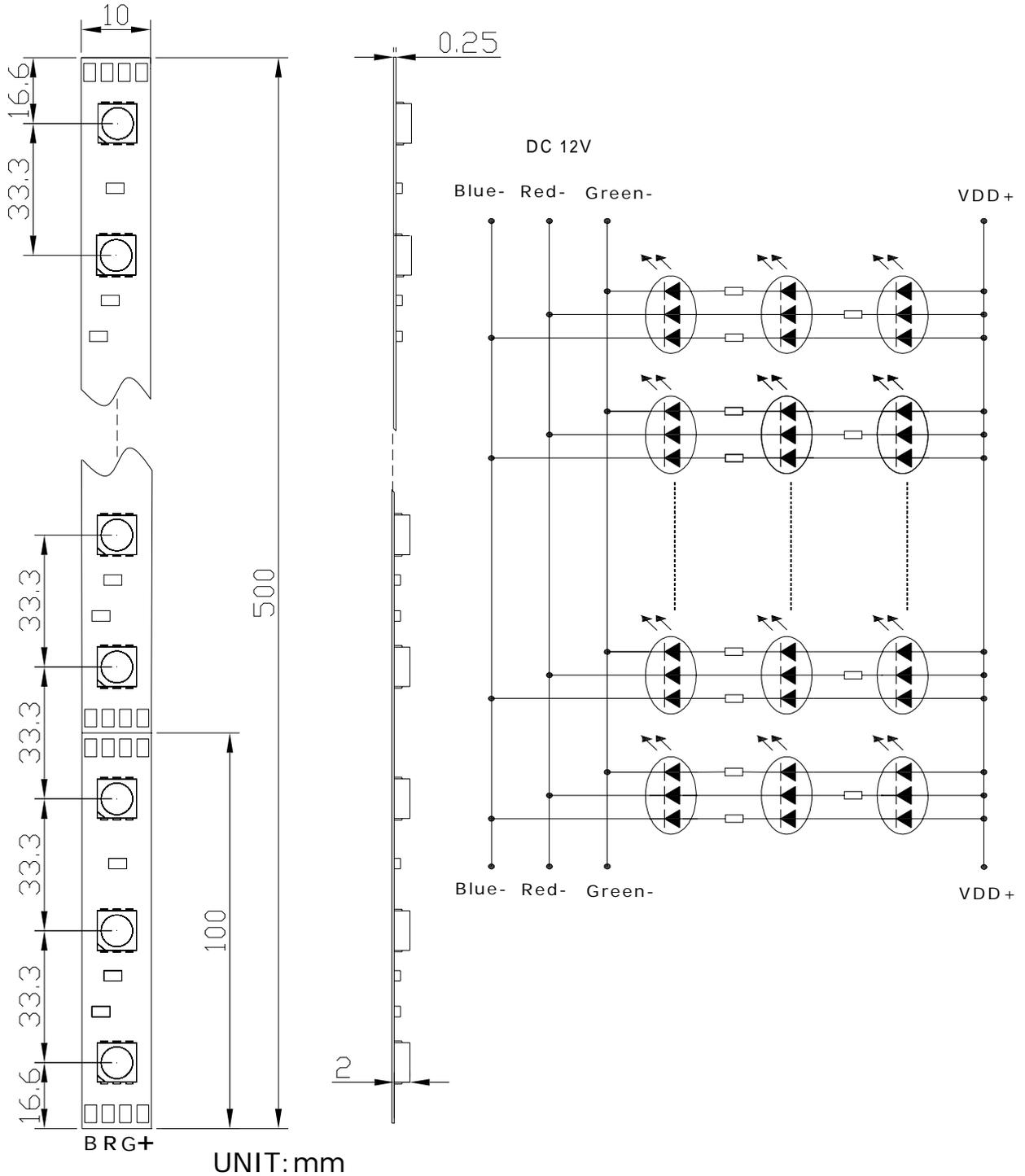
Items	Symbol	Values	Units
Operating supply range(DC)	V _{idc}	14	V
Input Current (DC)	I _i	0.45	A
Power Dissipation	P _a	6.3	W
LED Light Source Temperature	T _{led}	105	DegC
Operating Temperature	T _{ope}	-10 ~ +40	DegC
Storage Temperature	T _{sto}	-20 ~ +80	DegC

Typical Performance (Ta=25)

Items	Symbol	Min.	Typ.	Max.	Units
LED Module Power	P _m	-	3.6	6.3	w
Input Voltage(DC)	V _i	-	12	14	V
Product input Current	I _f	-	0.3	0.45	A
Beam Pattern	BP	-	120	-	Deg
Total Length of Modules (Including Pin)	L _{mod.}	-	500	-	mm
Net Weight	Wei.	---	6	---	g

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Product Dimensions:



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Applied product electrical connection schematic diagram:

