

SPECIFICATIONS

1. General Specifications

Model	MSL□-02JSN-RGBC
Rated Voltage	DC 24V
Operating Voltage Range	Rated voltage $\pm 5\%$
Rated Power / mtr	16W/m
Light color	7 colors in 1 light: White, Red, Yellow, Blue, Green, Purple, Cyan [White light = 6600K (6100-7400K)]
Operating Ambient Temperature	-30°C ~ +50°C
Color Rendering Index (CRI)	White light: Ra > 80
Mounting Location	Indoor
Protection Rating	IP67
Conformity Standards	CE / UKCA / UL 2108, CSA-C22.2 No.250.2 EMC Directive (EN IEC61000-3-2:2019、 EN IEC61000-3-3) / IEC 62321 / EU-RoHS

2.Model

2.1 Model Number Configuration

MSL□ - 0 2 J S N - R G B C

Length	
3	300mm
6	600mm
10	1000mm

2.2 Optional Accessories

1.Aluminum Profile:

MSL - □□□□ - A L P

Length	
0050	50mm
0300	300mm
0600	600mm
1000	1000mm

2.Milky Cover:

MSL - □□□□ - M K C

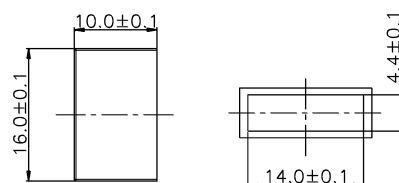
Length	
0050	50mm
0300	300mm
0600	600mm

3.MSL-001: Kit contains 10 ml of silicone glue and 10 end caps

Glue Composition:

Component	Proportion
α,ω -Dihydroxypolysiloxane	60-80%
Polydimethylsiloxane	5-10%
Carbon black	10-15%
Trimethoxymethylsilane	2-5%

End caps Size:



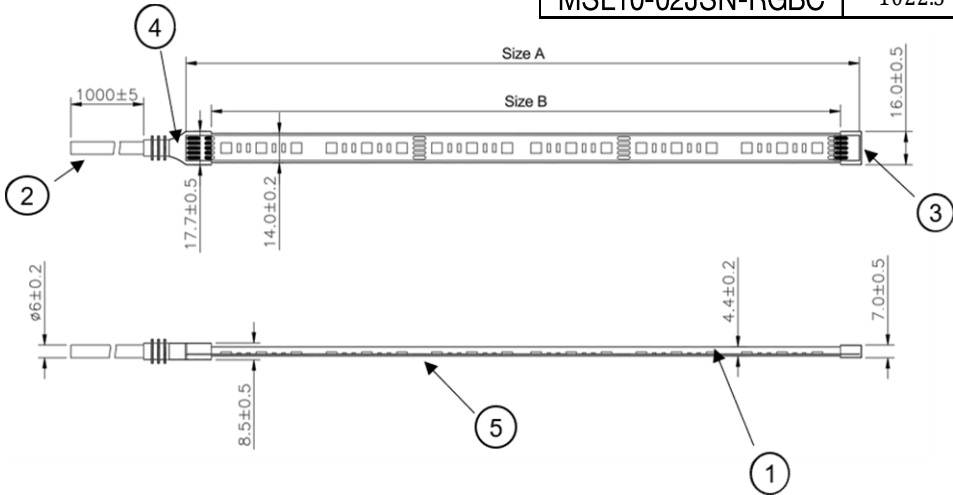
Drawing No.	Rev.	Page
MSL-A18	A	2/4

3. Outer dimensions (Unit:mm)

1.MSL□-02JSN-RGBC



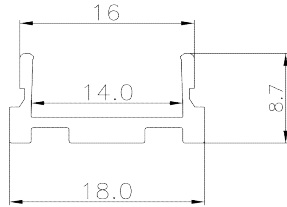
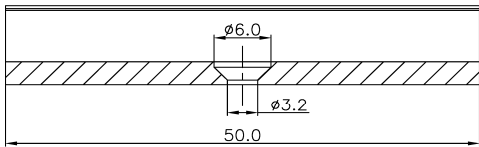
Product	Size A	Size B
MSL3-02JSN-RGBC	322.5 $^{+1.5}_{-0}$	301.5 $^{+1.5}_{-0}$
MSL6-02JSN-RGBC	622.5 $^{+1.5}_{-0}$	601.5 $^{+1.5}_{-0}$
MSL10-02JSN-RGBC	1022.5 $^{+1.5}_{-0}$	1001.5 $^{+1.5}_{-0}$



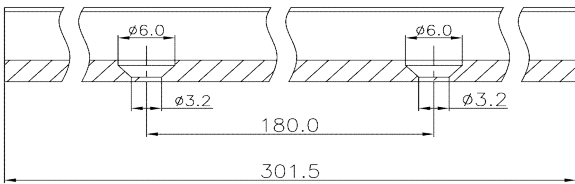
NO	Name	Material
1	Enclosure	Silicone
2	Cable(AWG22x5)	Silicone
3	End Cap with Wire Outlet	Silicone
4	Enclosure	Silicone
5	Double-sided tape	3M PT1100

*Thicknes 1.14 mm +/- 0.13 mm

2.MSL-□□□□-ALP MSL-50-ALP

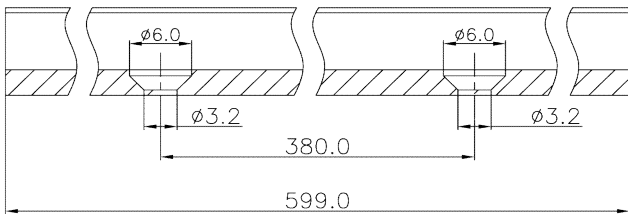


MSL-300-ALP



NO	Name	Material
1	MSL-□□□□-ALP	Aluminum
2	Accessory Cross-head screws	Iron

MSL-600-ALP

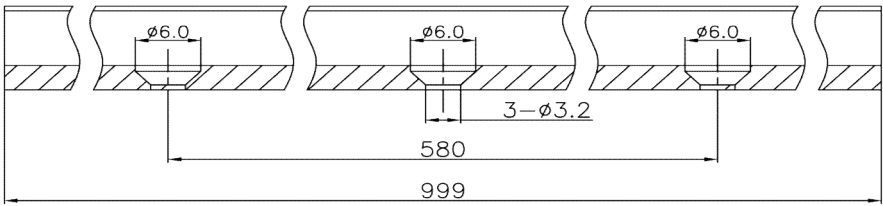


Accessory:cross-head screws (ST3*14)

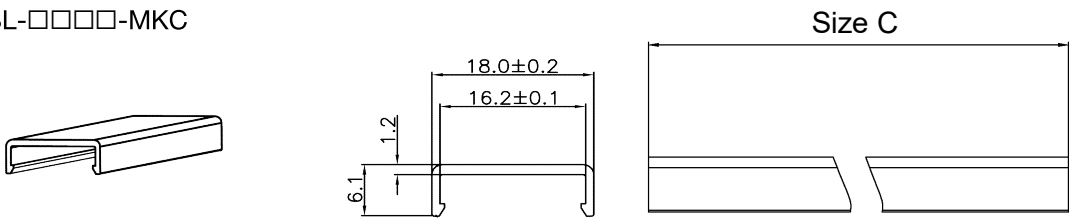
MSL-50-ALP 2pcs
MSL-300-ALP 2pcs
MSL-600-ALP 2pcs
MSL-1000-ALP 3pcs



MSL-1000-ALP



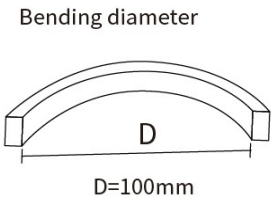
3.MSL-□□□□-MKC



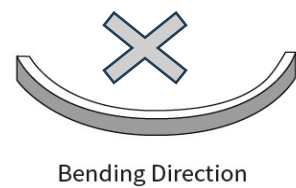
Product	Size C	Material
MSL-0300-MKC	300 ^{+1.5} ₋₀ mm	Polycarbonate
MSL-0600-MKC	599 ^{+1.5} ₋₀ mm	Polycarbonate
MSL-1000-MKC	999 ^{+1.5} ₋₀ mm	Polycarbonate

4.Installation Information

- Use double-sided tape or the optional accessory MSL-□□□□-ALP for fixing.
- When installing on a curved surface, the diameter shall be DΦ100mm or more.

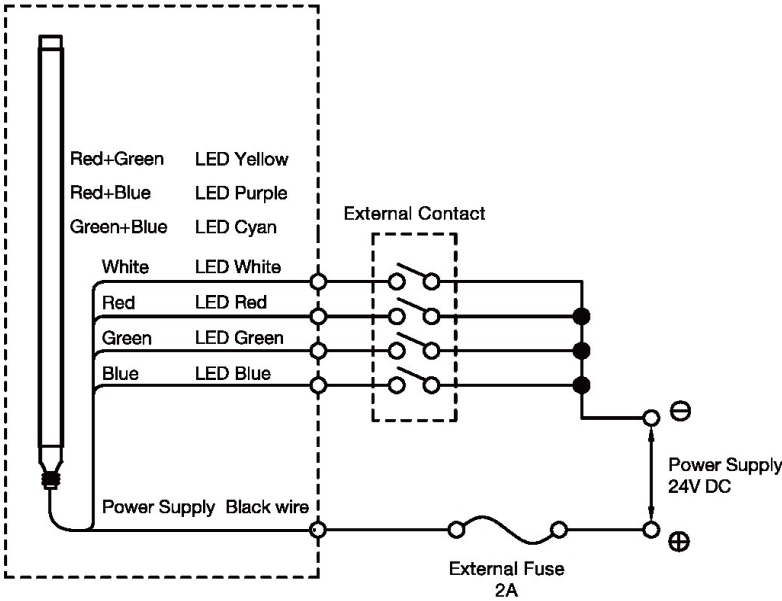


- Reverse bending is prohibited.

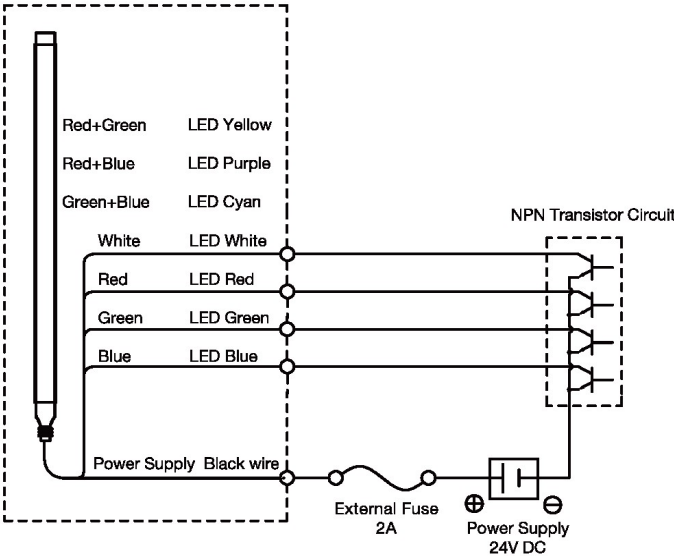


5. Wiring Diagram

External Contact Classification: Voltage Contact Relay



External Contact Classification: PLC (NPN Transistor)



Current Capacity(Is)	300mA or more
Withstand Voltage(Vs)	25.2V or more
Leakage Current*(IL)	0.1mA or less

* When using an NPN open collector transistor.