

## COB RIBBON QUICK CONNECTORS | IP20



BL-LS-COB-MC    BL-LS-COB-PF    BL-LS-COB-FC

DESCRIPTION	CODE	CABLE LENGTH
Inline	BL-LS-COB-MC	-
Power Feed	BL-LS-COB-PF	490mm
Flexible 80mm	BL-LS-COB-FC	80mm

RATED CURRENT	5.5A
INPUT VOLTS	0-36V DC constant voltage
OPERATING TEMP.	-10°C ~ +45°C
CONTACT PITCH	7.5 mm
CONTACT SURFACE	Copper
MATERIAL	Polycarbonate
MATERIAL COLOR	Transparent
RIBBON TYPE	COB single colour only
RIBBON WIDTH	10mm
INGRESS PROTECTION	IP20 General interior use
WARRANTY	3 years

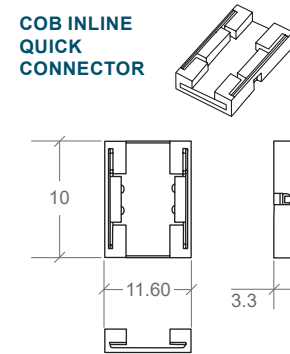
- High temperature / high humidity may cause the product to change color. It is recommended to store it in an environment with temperature and humidity management and avoiding direct sunlight.
- Avoid the connectors absorbing moisture by storing them in a ventilated and dry environment

COB Ribbon Quick Connectors are an easy, ultra-narrow & seamless way to easier connect COB ribbon for unobstructed light. They are perfect for convenience and flexible on-site applications, saving the need for soldering tools. Once 'locked down' the connectors grip the ribbon securely to achieve a stable connection.

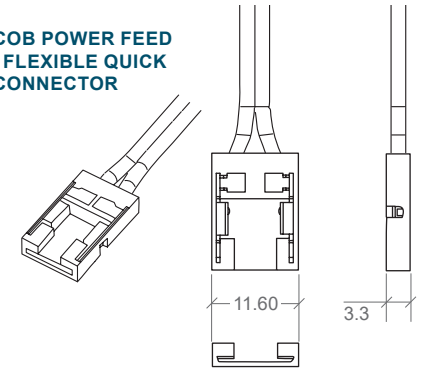
### Not working when power on?

1. Check for errors in the positive and negative polarity of the wires, and ribbon.
2. Check use of correct ribbon: COB, single colour, 10mm width.
3. Check installation followed correctly.
4. Check the Connector pins are in good contact with the ribbon solder pads.

### COB INLINE QUICK CONNECTOR



### COB POWER FEED / FLEXIBLE QUICK CONNECTOR



### COB INLINE QUICK CONNECTOR

#### 1 CUT RIBBON

COB ribbon needs to be cut **exactly** on the cut line between the solder pads.



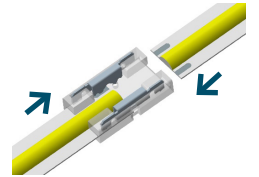
#### 2 REMOVE 3M TAPE

Peel the 3M adhesive tape off the end of the light strip. **Note:** Thick tape will not fit in the connectors and needs to be removed first.



#### 3 INSERT RIBBON

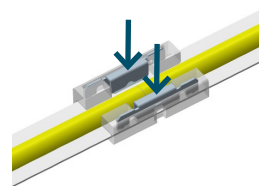
Insert ribbon into the slot of the connector until it is aligned to the middle of the connector. Repeat for the ribbon on the opposite side. **Ensure the correct +/- polarity between both lengths.**



#### 4 LOCK IN PLACE

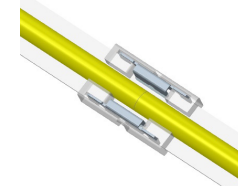
Make sure both ribbons are aligned central without a gap to ensure continuous light.

Use electrical pliers to press the sides down, to lock the pins into the ribbon.



#### 5 POWER UP

Connect the light strip to a power source and check connection.



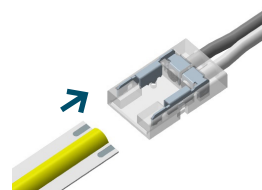
**NOTE:** When using the Inline quick connecting the light strip to the light strip, ensure to the positive and negative polarity of the light strip is matched on both lengths.

### COB POWER FEED / FLEXIBLE QUICK CONNECTOR

#### 6 INSERT RIBBON

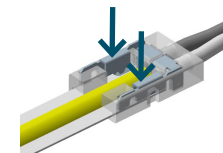
Follow steps 1 and 2 from above.

Insert ribbon into the slot of the connector until it is aligned to the end of the connector. **Ensure the correct +/- polarity between the ribbon and the wires.**



#### 7 LOCK IN PLACE

Use electrical pliers to press the sides down, to lock the pins into the ribbon.



#### 8 POWER UP

Connect the light strip to a power source and check connection.

