

FXN 156 FLEXIBLE NEON

SNAP FRONT CONNECTOR

Please ignore these steps if the front connector has been assembled before delivery.

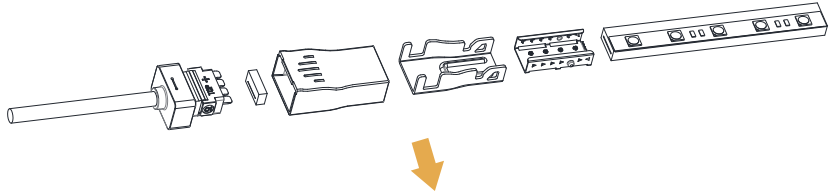
- Note:
1. Never wet the assembly units or assemble with wet hands.
 2. Please use the tools correctly.
 3. Please pay attention to personal security when using tools.
 4. Repeated assembly or reuse of the connector may result in waterproof failure.

1. Components of Front Connector

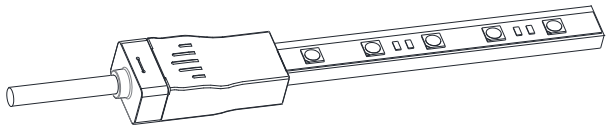
Note:

The light ends are marked with either an 01 or an 02. Always make sure to use an identically labeled connector for the appropriate direction.

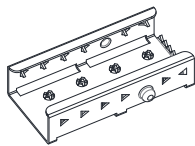
2. Tools



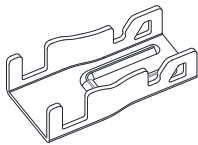
Exploded View



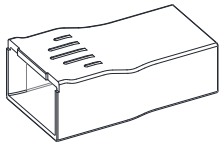
Finished Assembly View



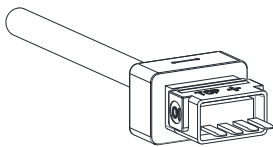
Anti-skidding Clip (1pc)



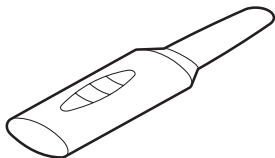
U Steel Plate (1pc)



PC Cover (1pc)



Feed Connector (1pc)
[Contain Silicone Gasket (1pc)]



Inducer

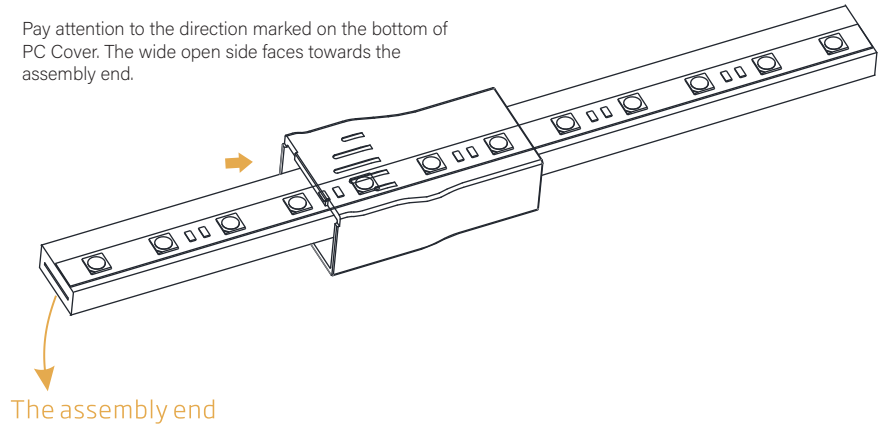
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SNAP FRONT CONNECTOR

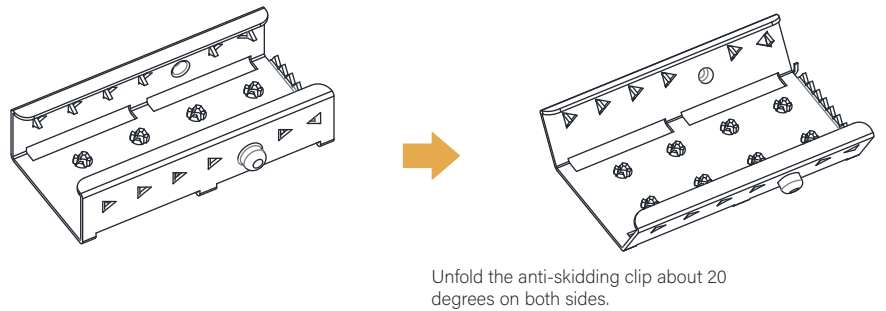
3. Installation Steps

3.1 Placing PC Cover

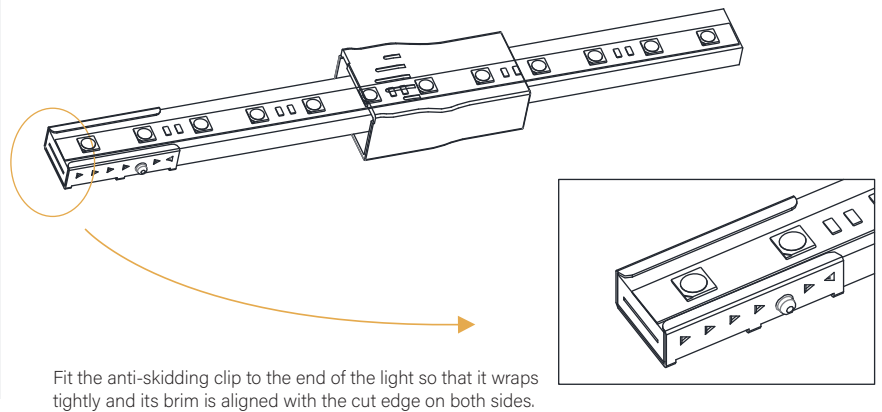
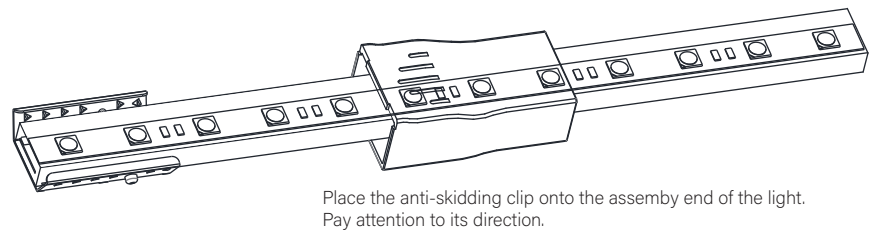
Pay attention to the direction marked on the bottom of PC Cover. The wide open side faces towards the assembly end.



3.2 Treatment of Anti-skidding Clip



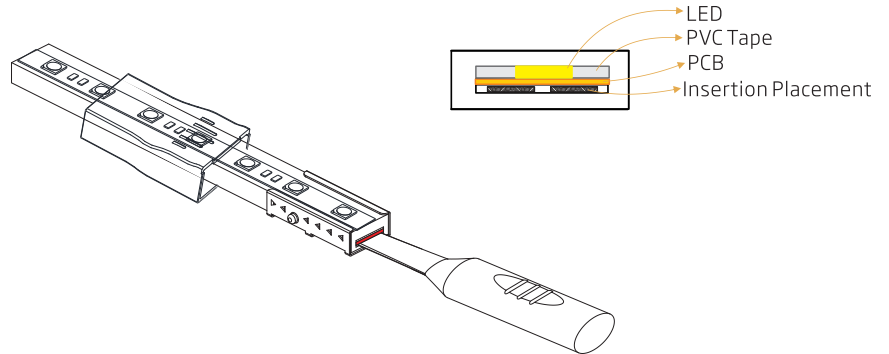
3.3 Installation of Anti-Skidding Clip



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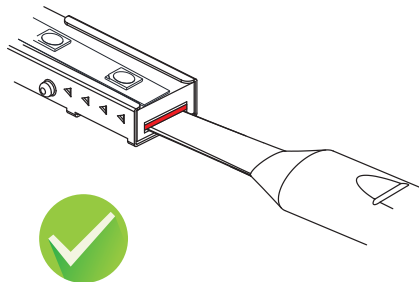
SNAP FRONT CONNECTOR

3.4 Inducing a Cavity for Feed Connector

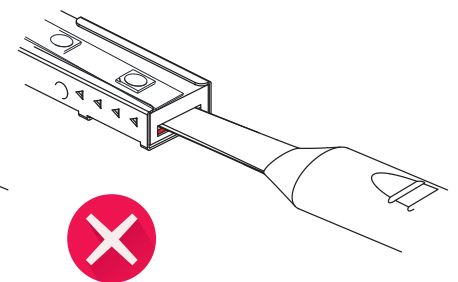


NEVER insert into the front side (LED side) of the PCB

Insert the inducer to the backside of PCB around 10 ~ 12, move the inducer right and left 3 ~ 5 times gently to create a small cavity.



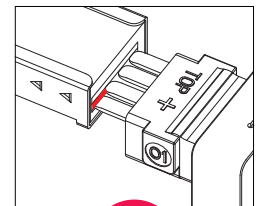
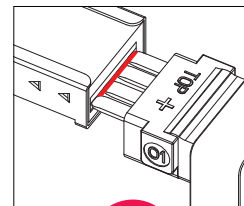
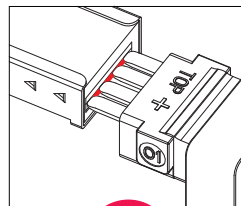
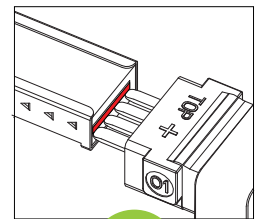
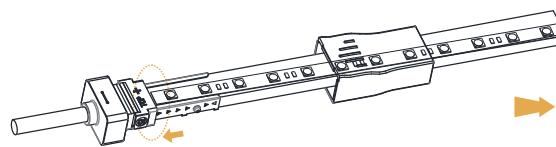
Insert the inducer into the backside of PCB



It will damage the light if insert into front side of PCB.

3.5 Inserting the Feed Connector

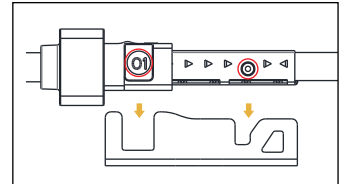
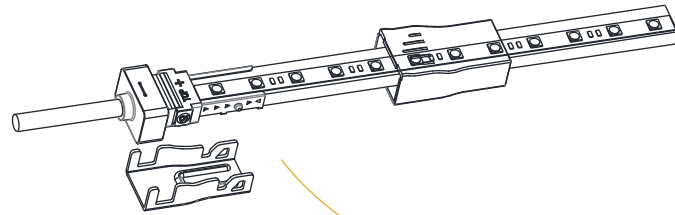
Insert the assembly end wrapped with anti-skidding clip into the cavity of the feed connector.



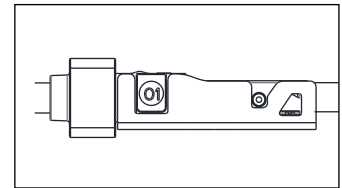
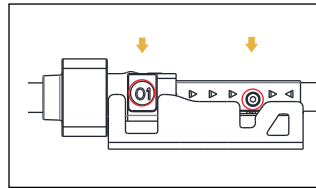
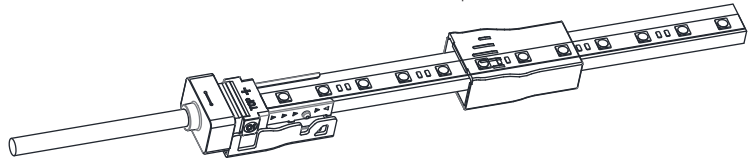
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SNAP FRONT CONNECTOR

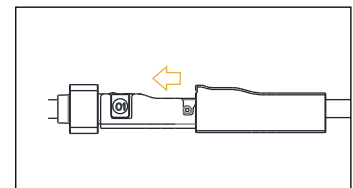
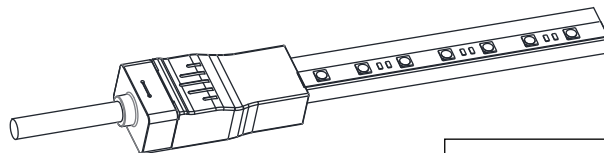
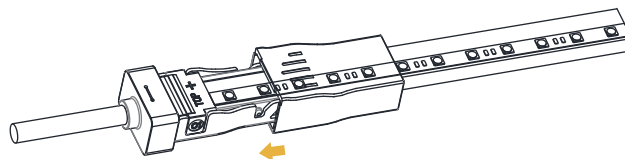
3.6 Installation of U Steel Plate and PC Cover



Align the feed connector and anti-skidding clip with the U steel plate.



Press the feed connector and light downwards at the same time till bottom.



Slide back the PC cover till it snaps in the feed connector.

Please energise the light to check its functionality and do waterproof reliability testing (refer to "waterproof reliability testing instruction" video) after connector assembly.

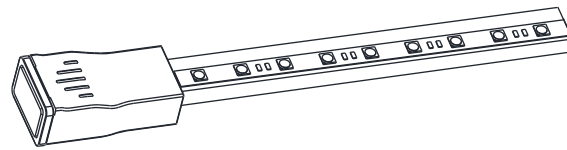
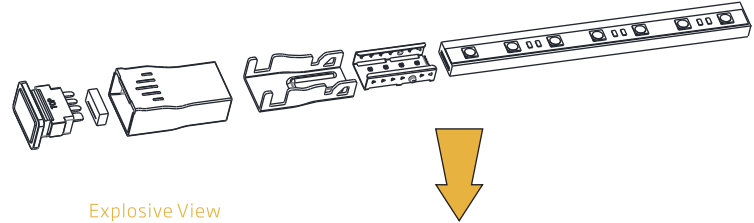
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SNAP END CAP

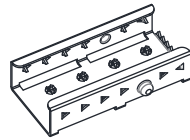
Please ignore these steps if the End Cap has been assembled before delivery.

Note

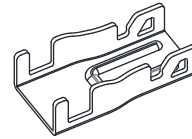
1.Repeated assembly or reuse of the connector may result in waterproof failure.



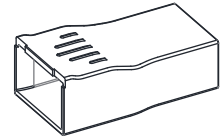
1. Components of End Cap



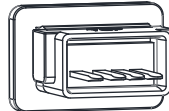
Anti-skidding Clip (1pc)



U Steel Plate (1pc)

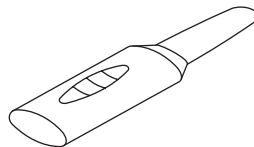


PC Cover (1pc)



Tail Plug (1pc)
[Contain Silicone Gasket (1pc)]

2. Tools



Inducer

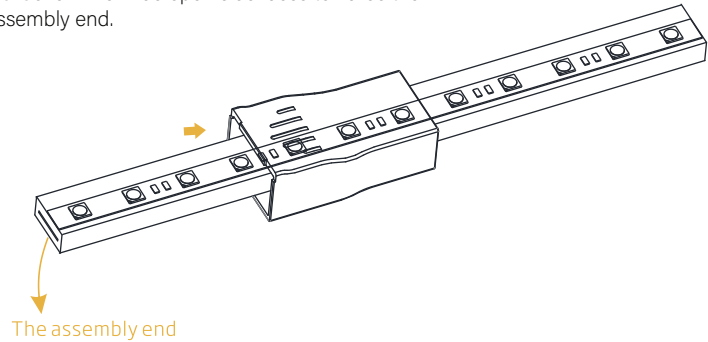
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SNAP END CAP

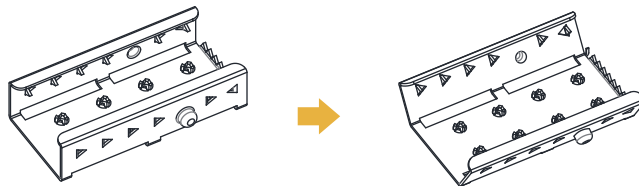
3. Installation Steps

3.1 Placing PC Cover

Pay attention to the direction marked on the bottom of PC Cover. The wide open side faces towards the assembly end.

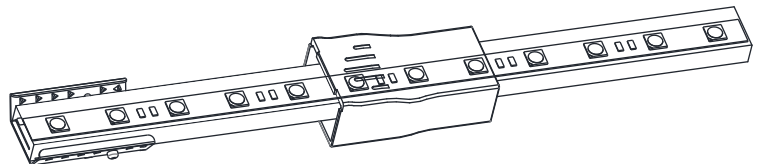


3.2 Treatment of Anti-skidding Clip

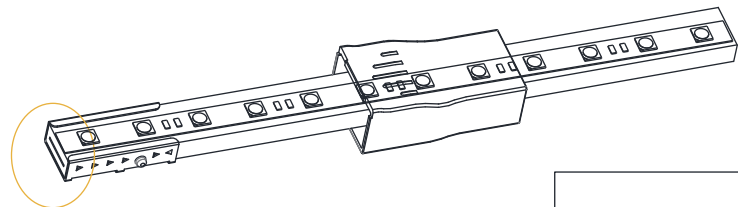


Unfold the anti-skidding clip about 20 degrees on both sides.

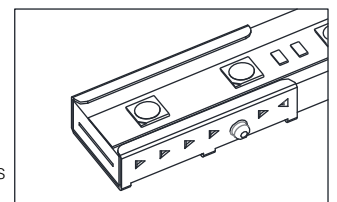
3.3 Installation of Anti-Skidding Clip



Place the anti-skidding clip onto the assembly end of the light. Pay attention to its direction.



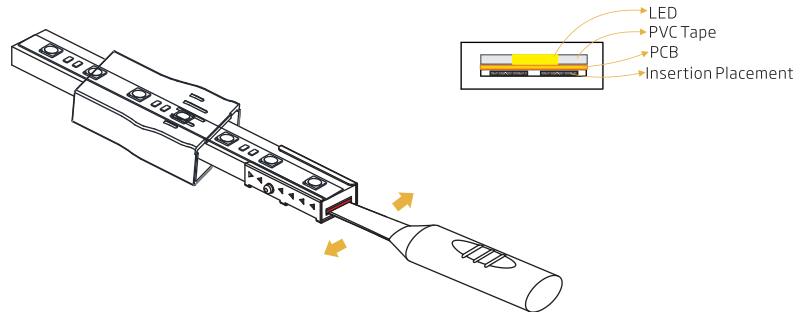
Fit the anti-skidding clip to the end of the light so that it wraps tightly and its brim is aligned with the cut edge on both sides.



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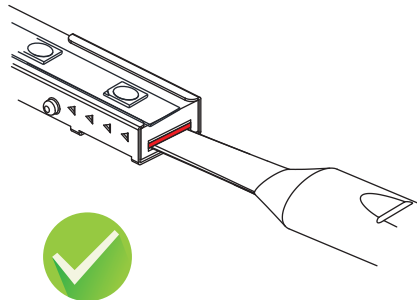
SNAP END CAP

3.4 Inducing a Cavity for Tail Plug

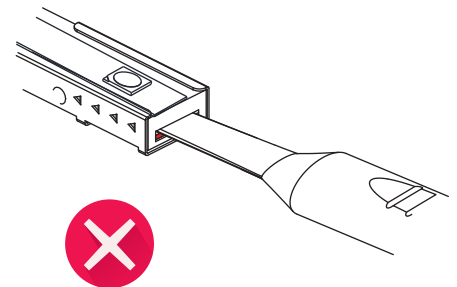


NEVER insert into the front side (LED side) of the PCB

Insert the inducer to the backside of PCB around 10 ~ 12, move the inducer right and left 3 ~ 5 times gently to create a small cavity.



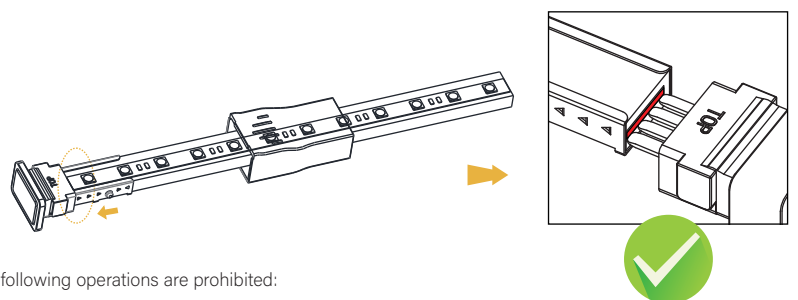
Insert the inducer into the backside of PCB.



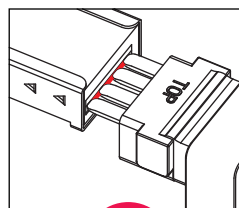
It will damage the light if insert into front side of PCB.

Insert the assembly end wrapped with anti-skidding clip into the cavity of the tail plug.

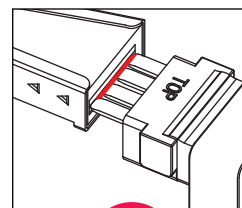
3.5 Inserting the Tail Plug



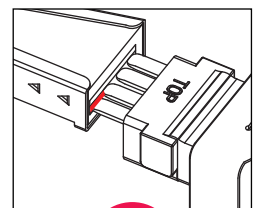
The following operations are prohibited:



Insert into the front side of the PCB



Insert crosswise into the PCB

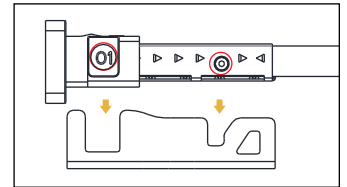
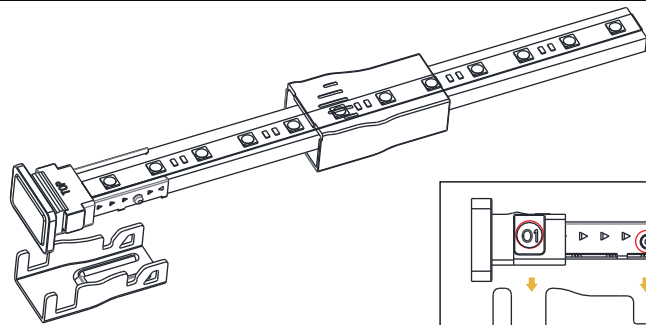


Insert crosswise into the PCB

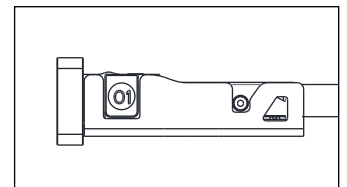
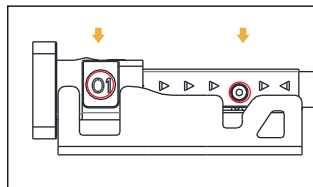
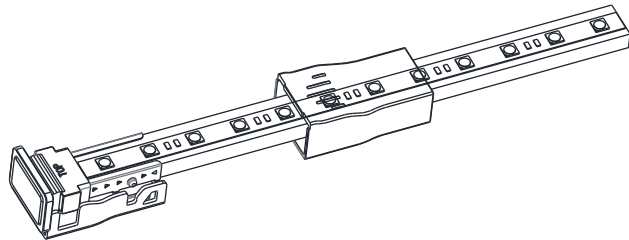
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SNAP END CAP

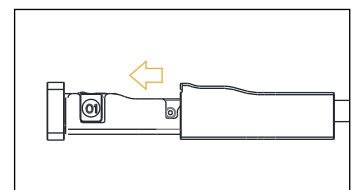
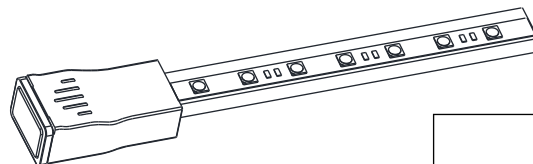
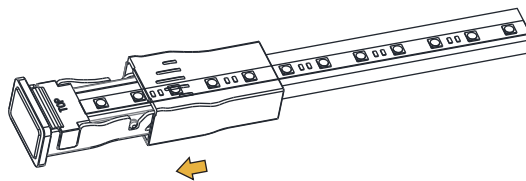
3.6 Installation of U Steel Plate and PC Cover



Align the tail plug and anti-skidding clip with the u steel plate.



Press the tail plug and light downwards at the same time till bottom.



Slide the back PC Cover till it snaps in the tail plug

Please energize the light to check its functionality and do waterproof reliability testing (refer to "waterproof reliability testing instruction" video) after connector assembly.