

PEGATRON 和碩聯合科技

Aetheros_L+G cable assembling 20200609



L+G Cable design concept summary



Bottom cover (Metal) + Cable

Water proof with glue between cover and cable

Rubber for the hole on metal box

Waterproof design of metal box. (Dimension: 15mm)



Will change to block in next shipment to fit meter color.

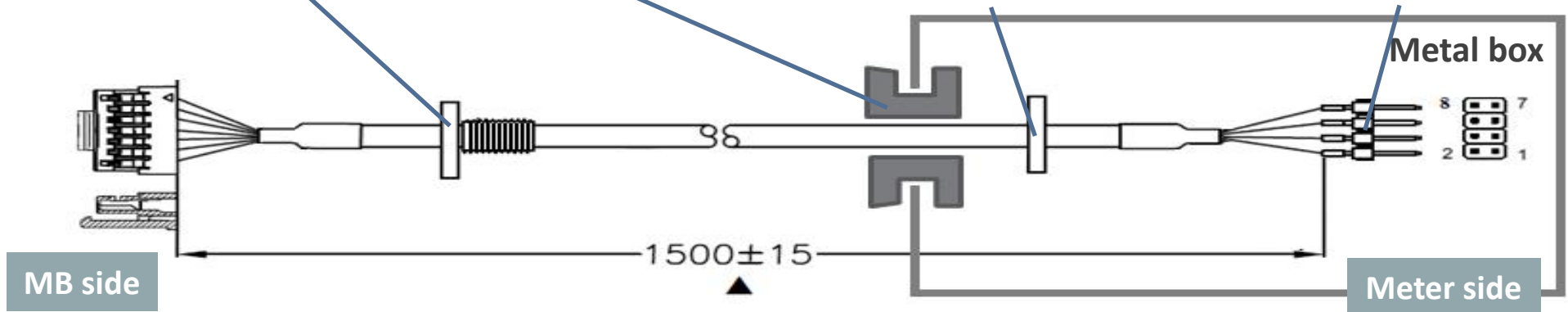
Mold on the meter (Plastic)

To avoid connector drop if someone pull the cable.

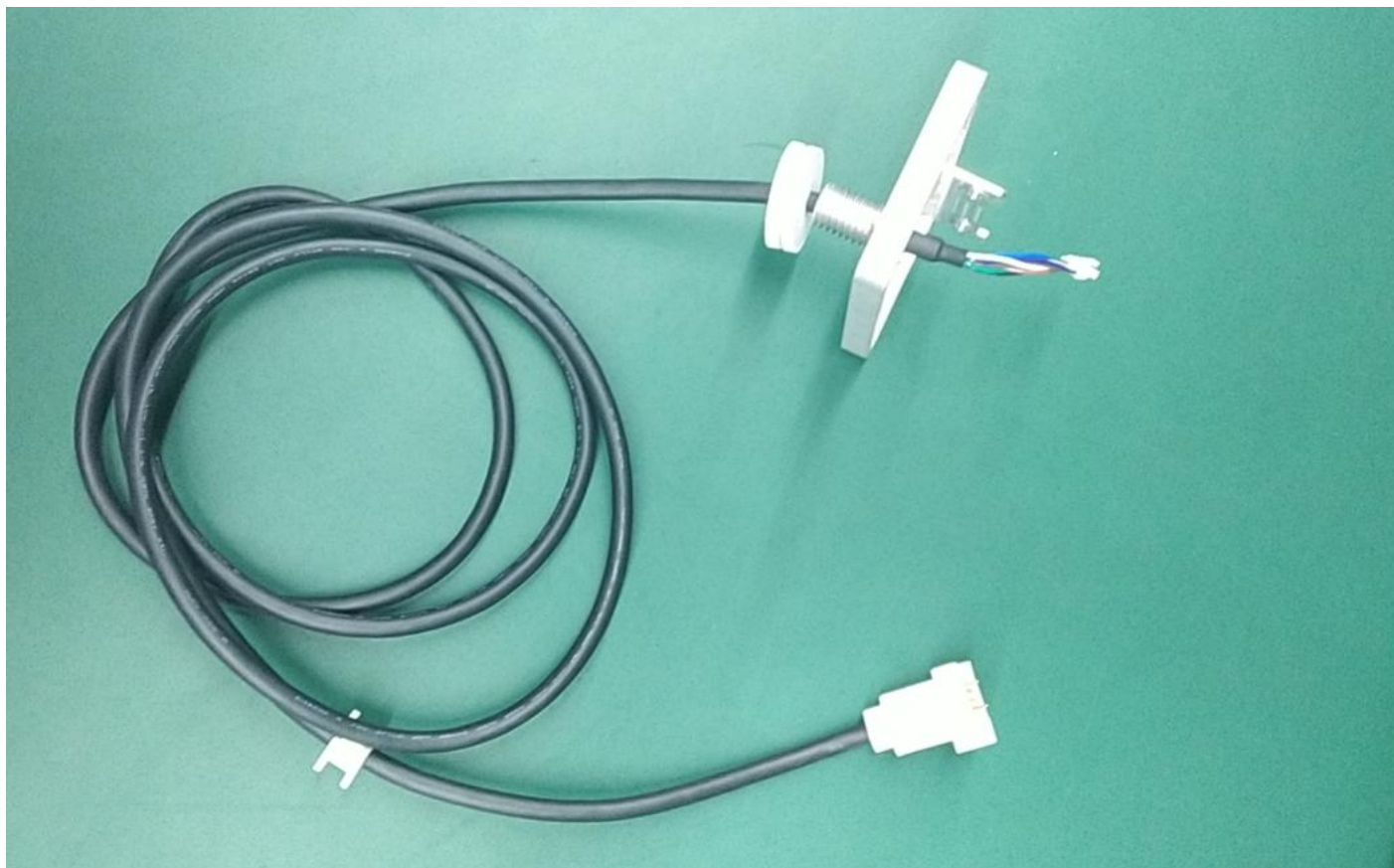


Mold on connector of meter side (Plastic)

To avoid incorrect assembling in the field.

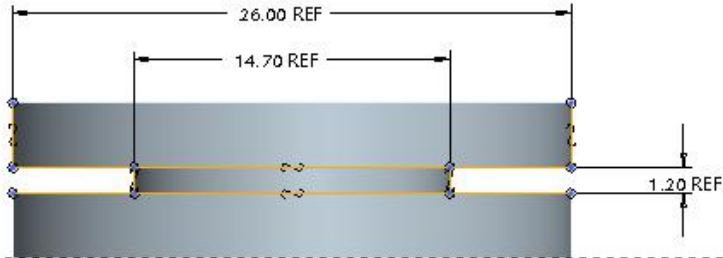
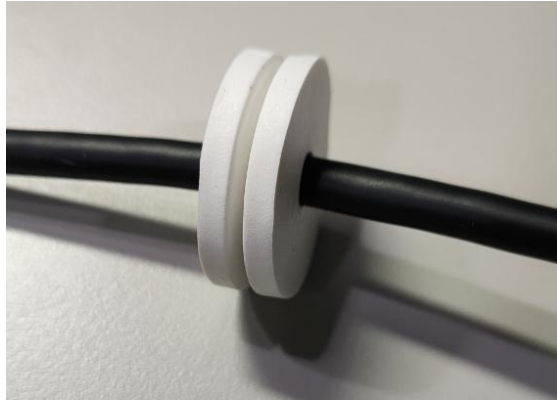


Cable finish good



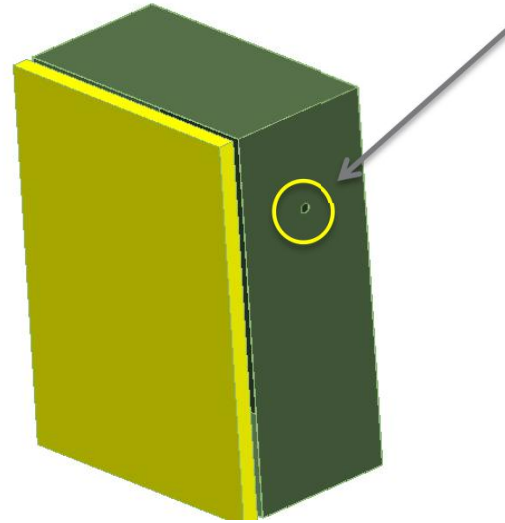
Rubber for the hole on metal box

Design concept



Assembling SOP

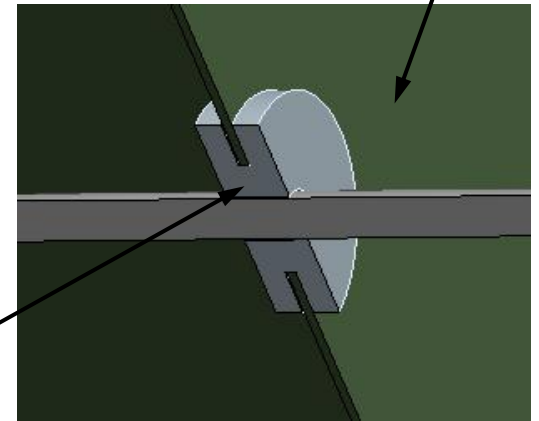
1. Put the rubber into the hole drilled on the metal box.



2. Finished.

Metal box

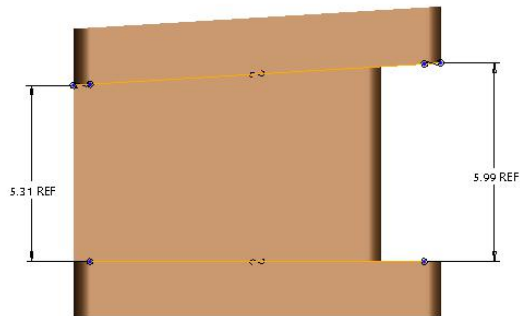
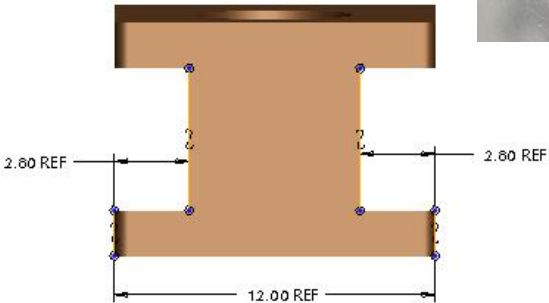
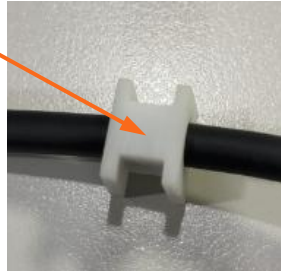
Cable molding



Mold on the meter

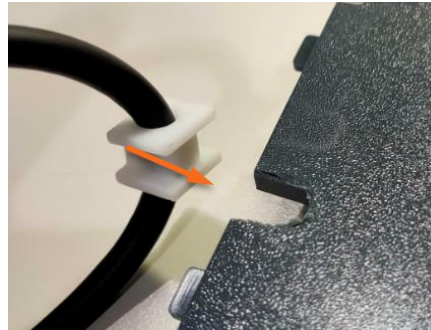
Design concept

Cable molding

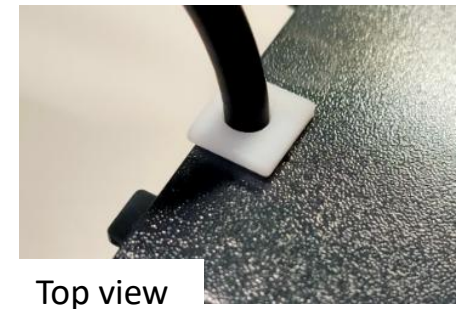
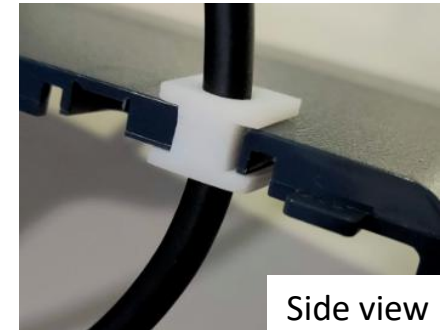


Assembling SOP

1. Put the mold into the hole on meter cover.



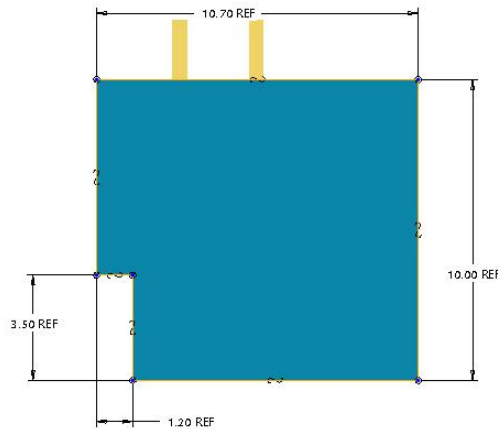
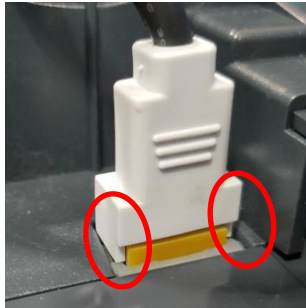
2. Assemble the top cover on the meter. Finished.



Mold on connector of meter side

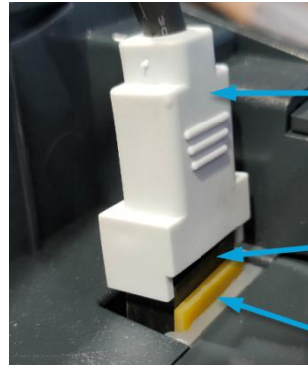
Design concept

There is a step design to avoid incorrect direction.



Assembling SOP

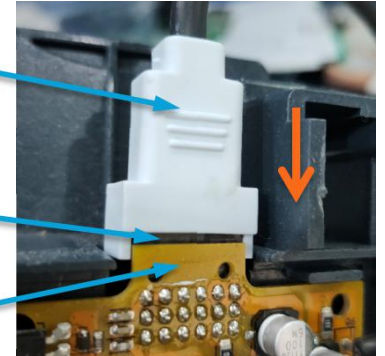
1. Plug in the 8pin connector on cable into 18pin header on meter. Finished.



8 pin connector molding

18 pin connector on meter

Meter PCBA

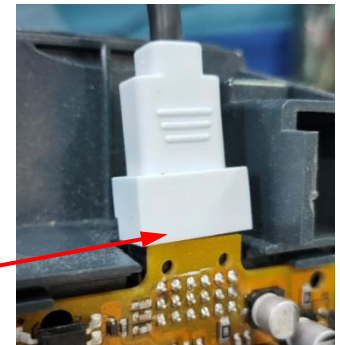


2. Finished.



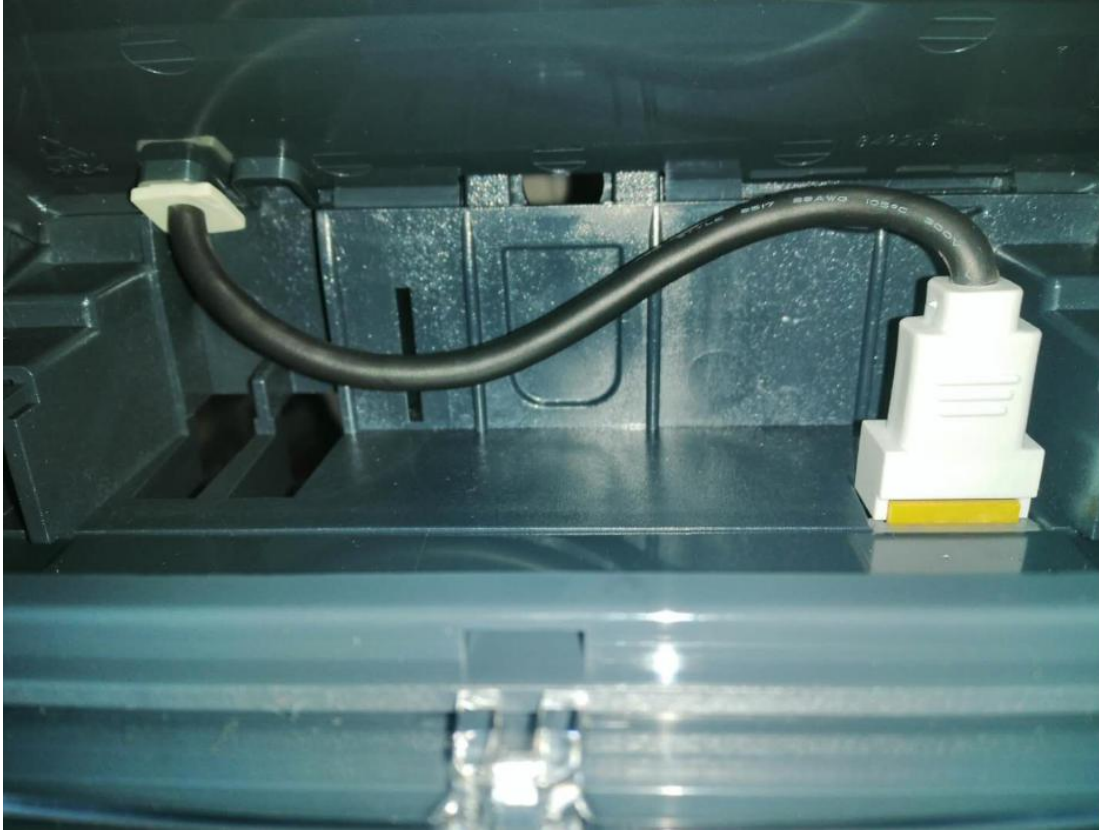
Note: if the 8pin cable assembling opposite, it will interfere with meter PCBA.

Interference



Finish

- ❖ Put the meter top cover on.





THANK YOU.