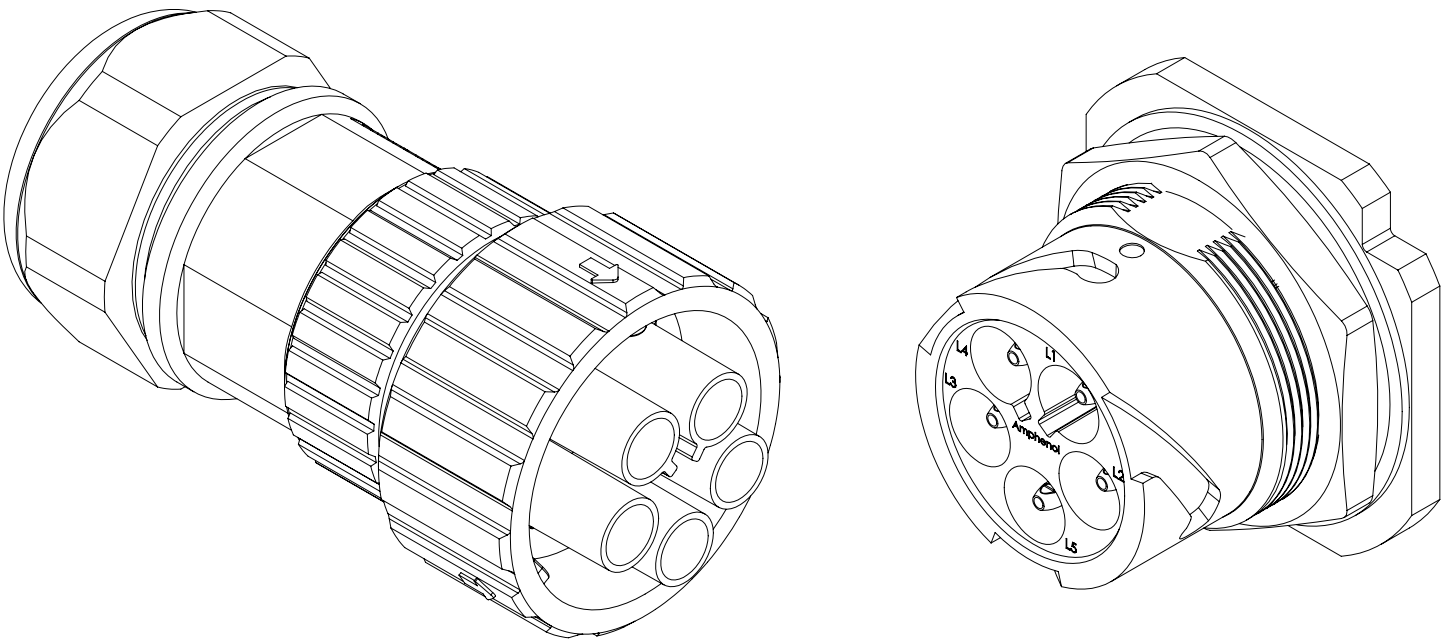


Amphe-PRB

Assembly Instructions



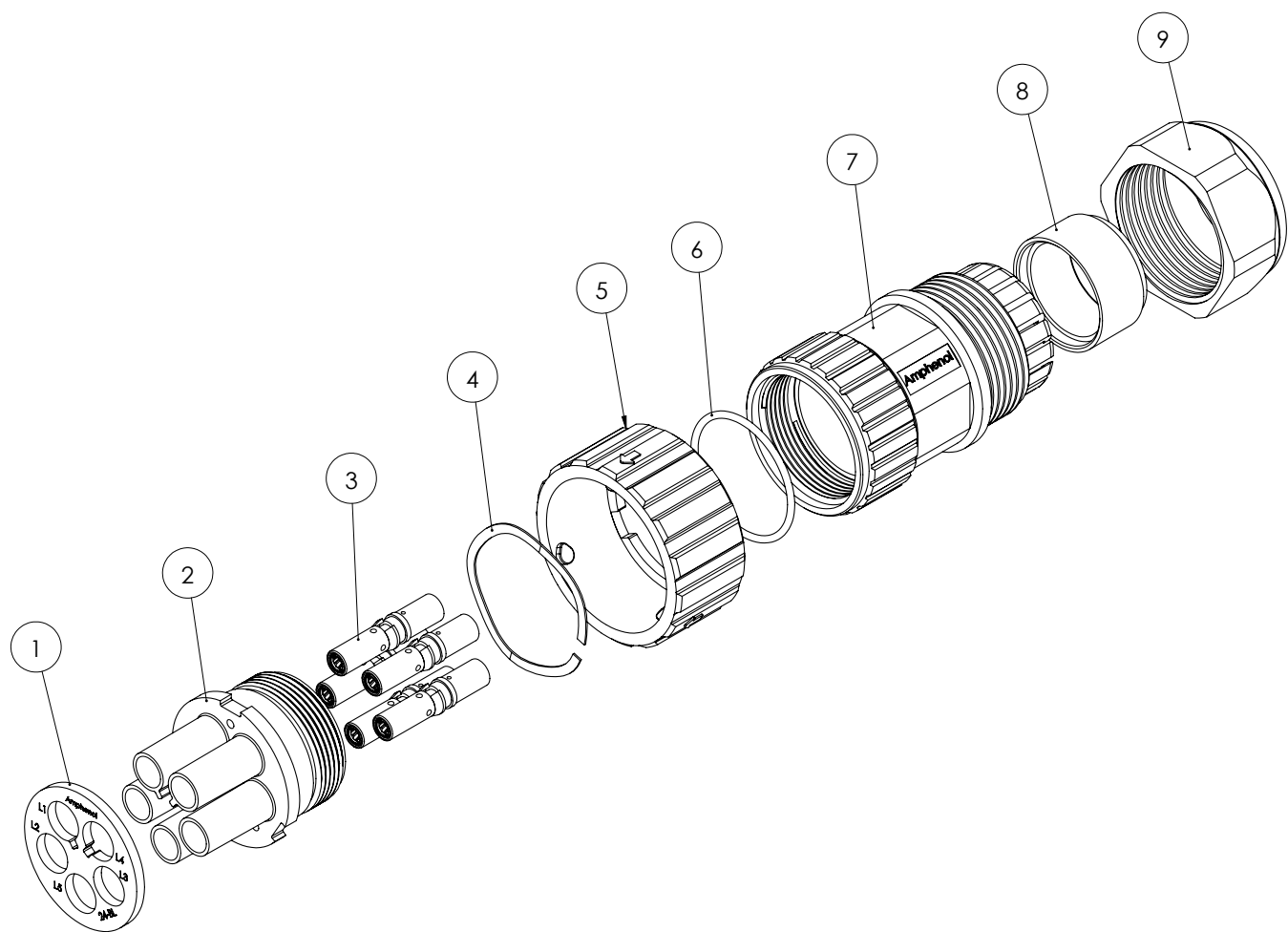
Rev.	Date	Zone	Description	Owner
A	2023/10/8	N/A	Initial Release	Bruce Lee

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1: Product Component

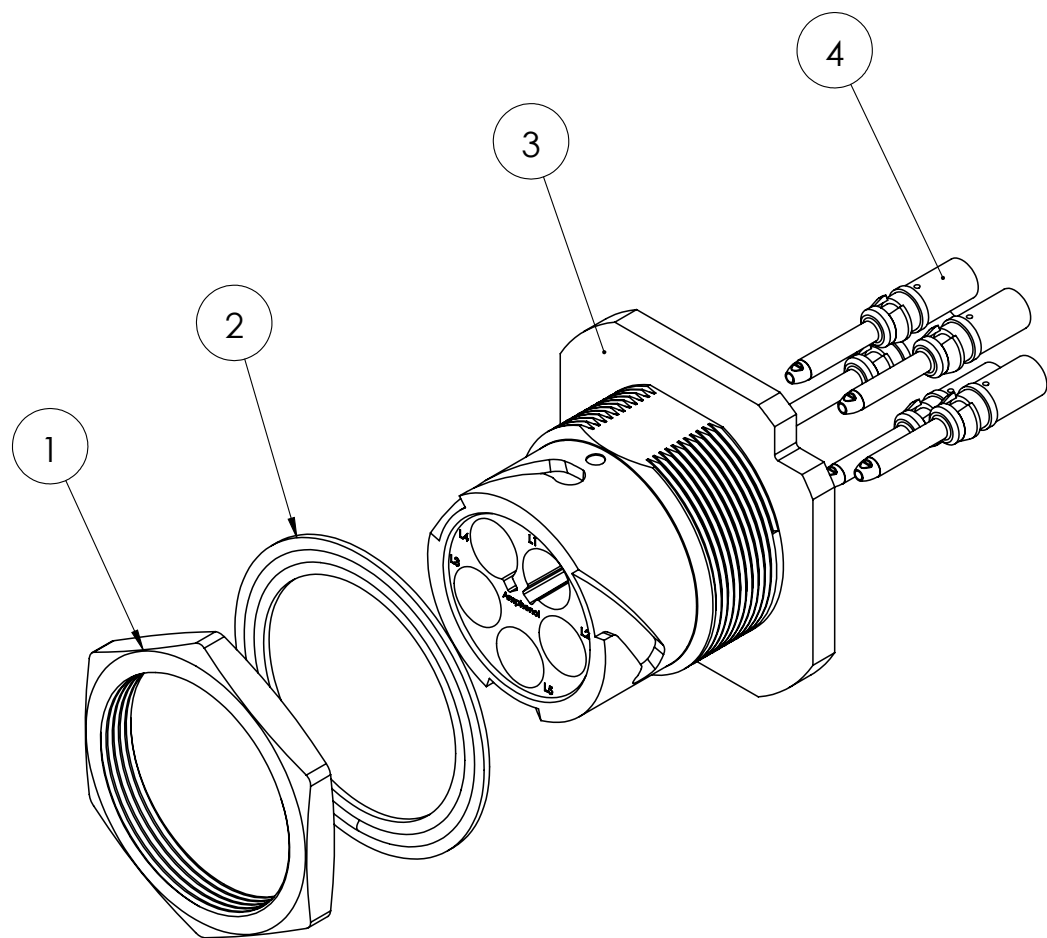
(1) Plug Connector: PRB06E24-BLS



Position	Description	Qty
1	Gasket	1
2	Plug Shell	1
3	RDS SKT Contact	5
4	Washer, Waved	1
5	Coupling Nut	1
6	O-Ring	1
7	Adapter	1
8	Rubber Sleeve	1
9	Screw Nut	1

1: Product Component

(2) Receptacle Connector: PRB07R24-BLP



Position	Description	Qty
1	Hex Nut	1
2	Panel Gasket	1
3	Receptacle Shell	1
4	Pin Contact	5

2: Plug Connector Assembly

(1) Cable Processing

Step 1) Slide the Screw Nut and adapter through the cable in sequence.

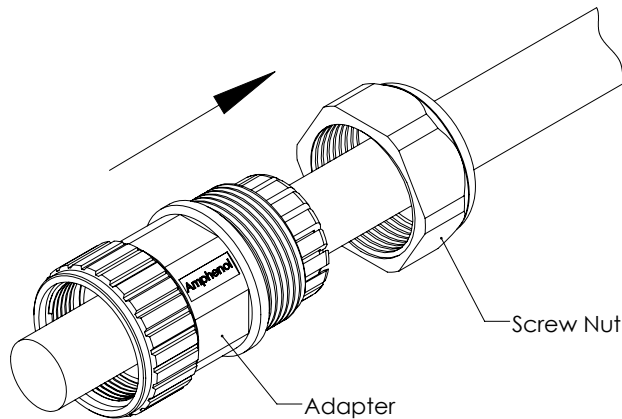


Figure 1

Step 2) Strip the cable outer jacket to 57-60 mm.

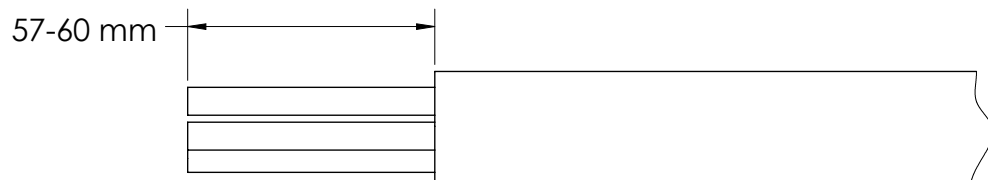


Figure 2

Step 3) Strip the inner insulators of conductors to 12-13 mm.

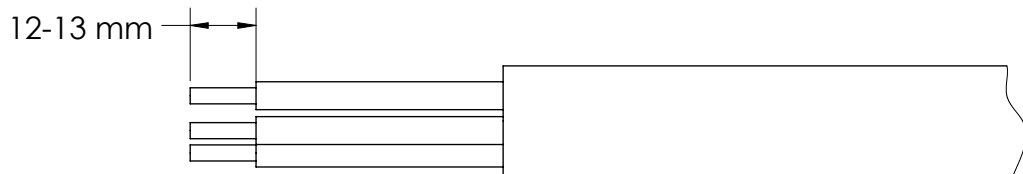


Figure 3

Step 4) Contact Crimping



Figure 4

2: Plug Connector Assembly

(2) Assembly Plug Connector

Step 1) Install the contact to the plug shell hole.

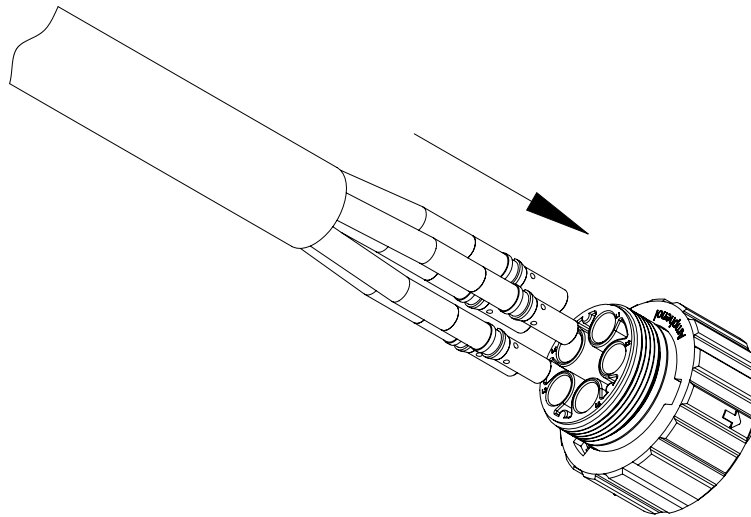


Figure 5

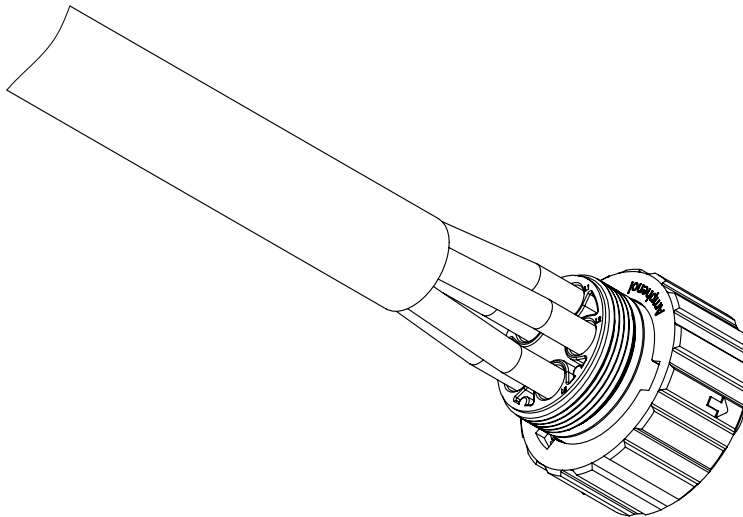


Figure 6

2: Plug Connector Assembly

(2) Assembly Plug Connector

Step 2) Tighten the adapter and screw nut separately, finish the assembly.

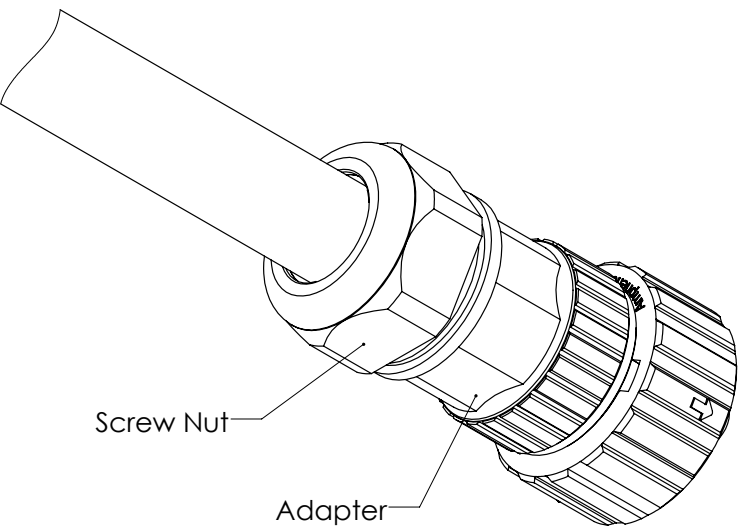


Figure 7

Recommended Torque Value	
Component	Torque Value (N · m)
Adapter	6 ~ 7
Screw Nut	5 ~ 6

3: Receptacle Connector Assembly

(1) Cable Processing

Step 1) Strip the wire outer jacket to 12~13 mm.

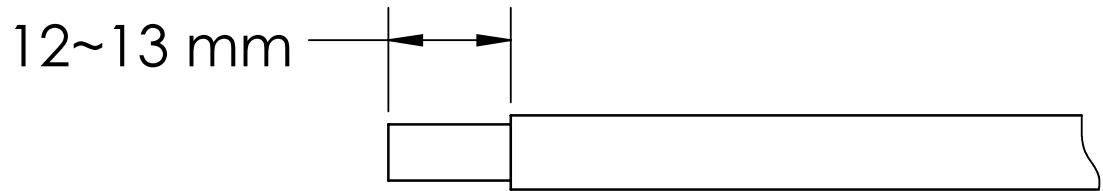


Figure 8

Step 2) Contact Crimping.

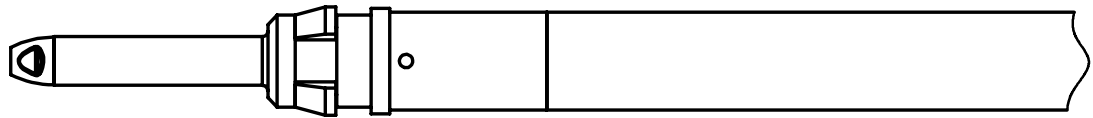


Figure 9

3: Receptacle Connector Assembly

(2) Assembly Receptacle Connector

Step 1) Install the contact to the receptacle shell hole.

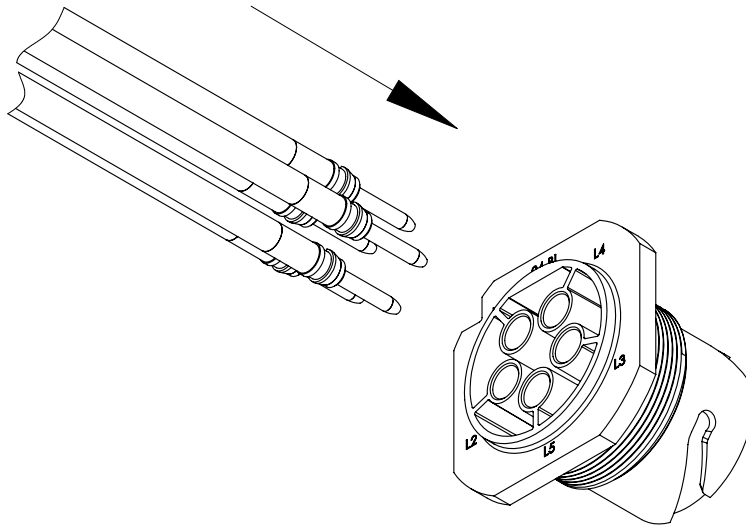


Figure 10

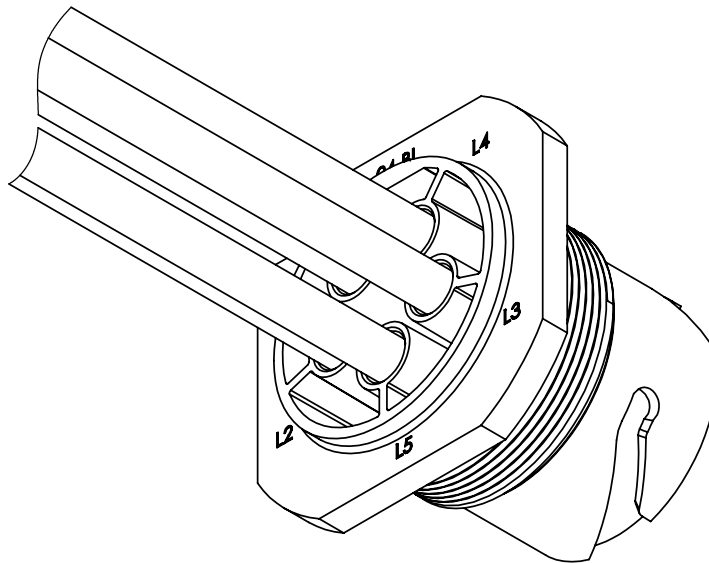


Figure 11

3: Receptacle Connector Assembly

(2) Assembly Receptacle Connector

Step 2) Let the receptacle connector through the panel hole and tighten the hex nut, finish the assembly.

Recommended hex nut torque value is 5~5.5 Nm.

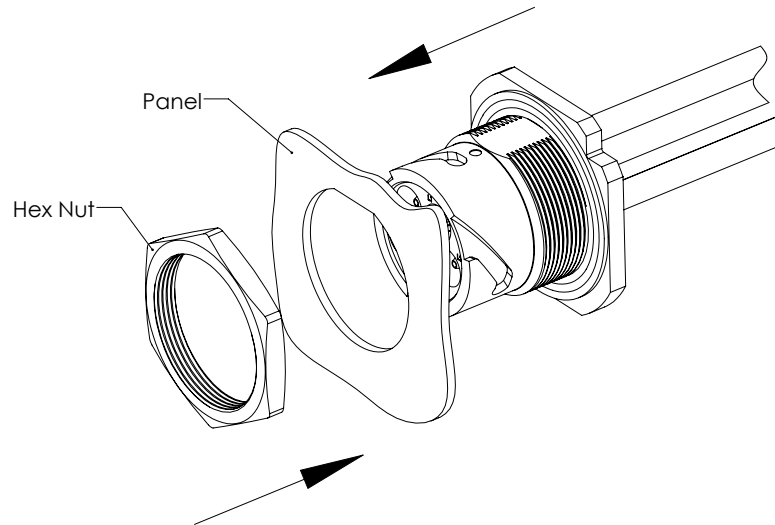


Figure 12

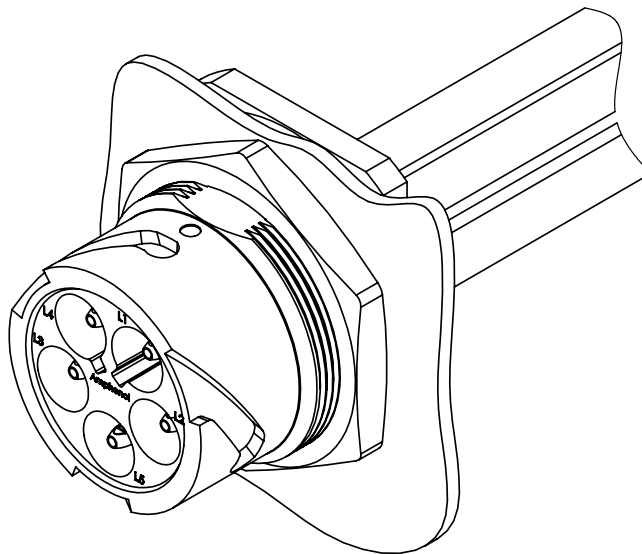


Figure 13