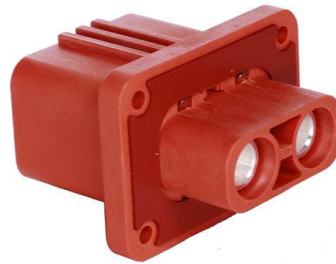


KRX17 Series 2-pin Power Connector Operation Instructions



Operation Instructions

Unshielded 2-pin power connector assembly specification

1.1 Select Wire requirement

Meeting the following chart:

Table 1.1

Wire Range(mm ²)	Sheath Diameter (mm)
10	Φ6.7±0.25
16	Φ8.1±0.25
25	Φ10.2±0.30

1.2 Wire stripping

Cut the wire according to your required length. Strip the wire according to picture 1.1



Picture 1.1

1.3 Connector terminal crimp

Press the crimp terminal as shown in picture 1.2. After the crimping, the tensile strength of the terminal is not less than that specified in Table 1.2. Then, a heat-shrinkable tube is placed on the crimping part and heat-shrinks. (See Picture 1.3)



Picture 1.2



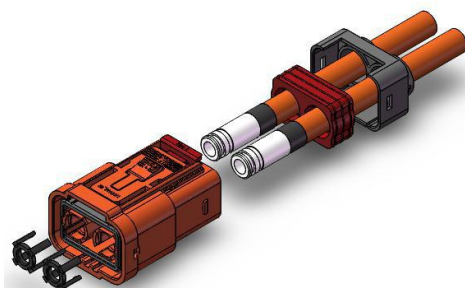
Picture 1.3

Table 1.2

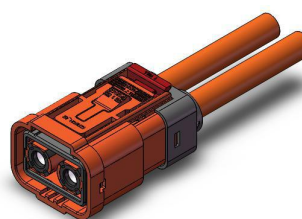
Wire Range(mm ²)	Strength of extension	Remark
10	≥600N	/
16	≥800N	/
25	≥900N	/

1.2 Connector Assembly

As shown Picture 1.4 and picture 1.5 Installation and installed in place.



Picture 1.4



Picture 1.5

1.3 TEST

Test connector should meet below requirement

Insulation Resistance: 5000MΩ

Withstand Voltage: 3000V DC

* **Shielded 2-pin power connector**

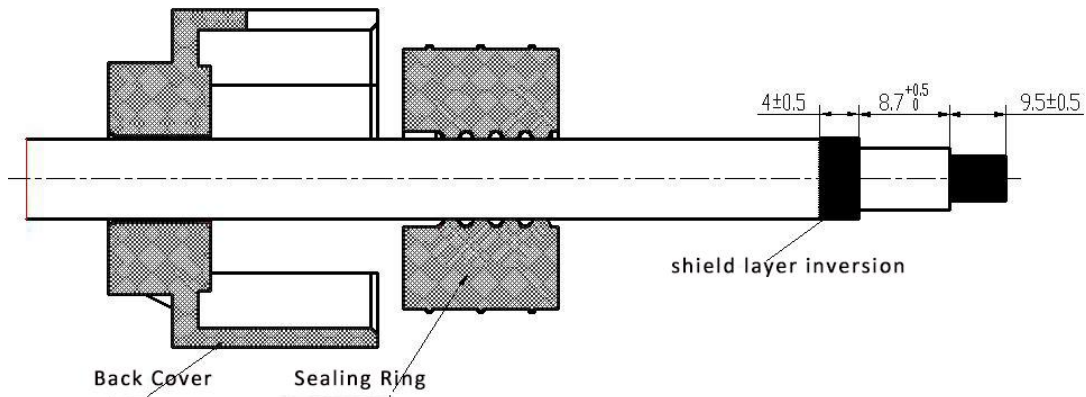
* **Wire requirement**

Meeting the following chart:

Table 2.1

Wire Range(mm ²)	Diameter(mm)
10	Φ9.4±0.3
16	Φ11.2±0.5
25	Φ13.5±0.5

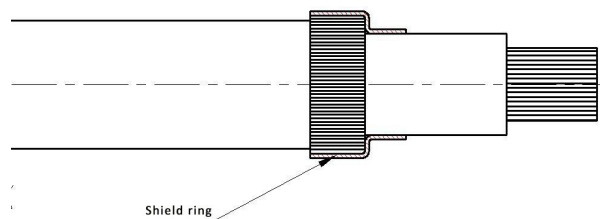
2.1 Cut wire, Install the back cover, Install plug wire harness seal, Wire stripping
Detail see below picture 2.1



Picture 2.1

2.2 Install Shield ring

Install Shield ring to the wire and crimped it.

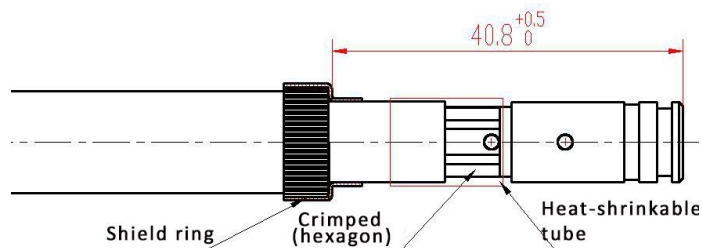


Picture 2.2

2.3 Crimp Terminal

Press the terminal (jack) and the wire together as shown in Picture 2.3. It is recommended that the terminal be crimped into a hexagon.

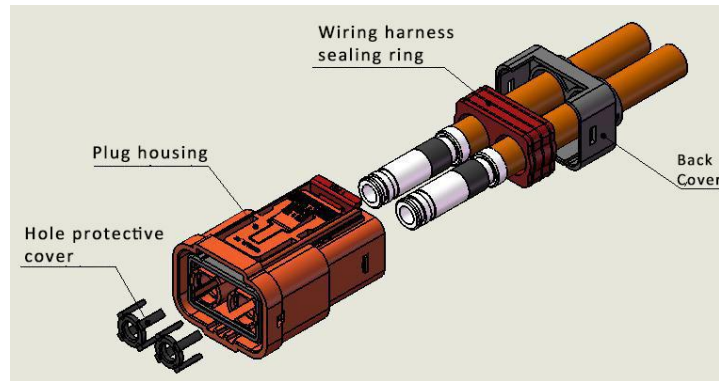
The requirements in Table 1.2 and the dimensions after crimping meet the requirements in Picture 2.3. A heat-shrinkable tube is sleeved on the crimping portion and heat-shrunk.



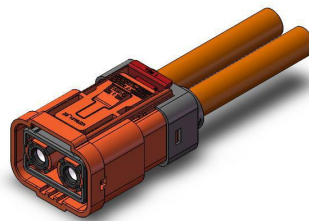
Picture 2.3

2.4 Assembly

Insert the pressed wire terminal into the plug housing assembly, and then install the wiring harness sealing ring, back cover, and hole protective cover in sequence, as shown in Picture 2.4, and the assembled product is shown in Picture 2.5.



Picture 2.4



Picture 2.5

2.5 Test

Test connector should meet below requirement

Insulation Resistance: 5000MΩ

Withstand Voltage: 3000V DC

Shield layer conduction: There should be electrical continuity between the shield layer and the shield spring

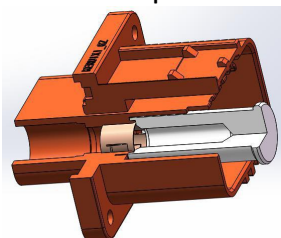
Receptacle Assembly

1.1 Select Wire, Wire stripping, Connector terminal crimp

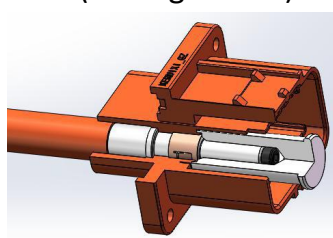
Please refer to above document [1.1](#); [1.2](#); [1.3](#)

1.2 Assembly

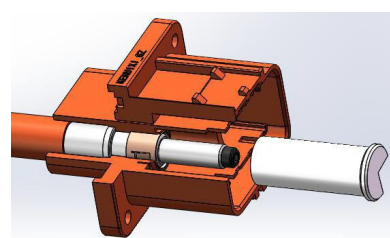
As shown in Picture 3.1, place the pin assembly tool set at the step shown, then put the pin of the pressed wire into place as shown in Figure 3.2, and finally remove the pin assembly tool (see Figure 3.3)



Picture 3.1



Picture 3.2



Picture 3.3

Thank you to read this documents. During use progress, any question please feel free to contact us as below:

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