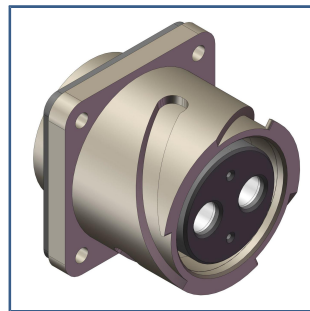


## KRX10-2X06 2-Pin Connector Operation Instruction

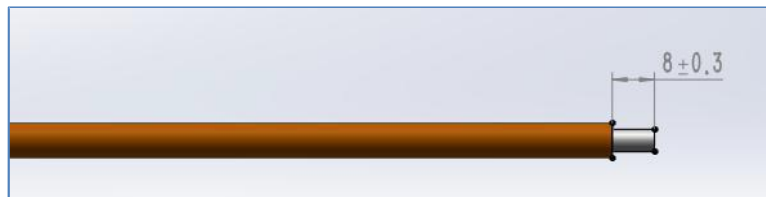


## Operation Instruction

### 1. KRX10-2X06 Connector Assembly

#### 1.1 Wire stripping

The stripped size is according to Picture 1.



Picture 1

#### 1.2 Terminal crimp

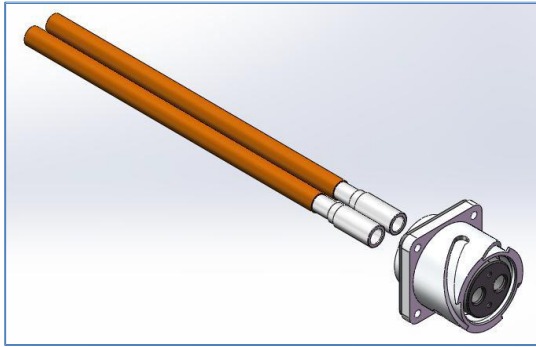
The wire and the terminal are crimped together, and the crimping strength is not less than the following requirements

- ① 8mm<sup>2</sup> wire, not less than 500N
- ② 10mm<sup>2</sup> wire, not less than 600N
- ③ 16mm<sup>2</sup> wire, not less than 800N

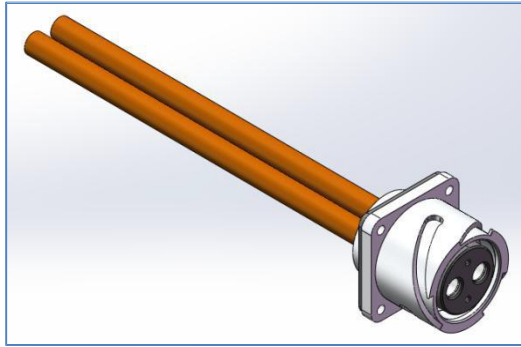
#### 1.3 Receptacle Assembly

- A. Insert the crimped wire terminals into the holes in the receptacle base one by one. When you hear a "click" sound, it means that the terminals have been preliminarily assembled in place
- B. Squeeze the root of the wire to move the terminal forward, and shake the wire left and right until the "click" sound no longer appears. At this time, the claw has fully supported the terminal.
- C. Pull the wire lightly toward the back. If the pins cannot be pulled out, it means that the terminals are assembled in place.

Here below picture 2 and picture 3 for your reference.



Picture 2 Before Assembly

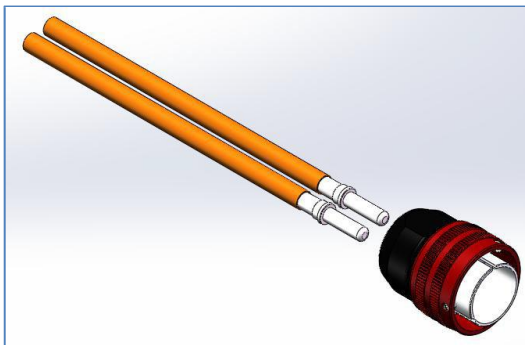


Picture 3 After Assembly

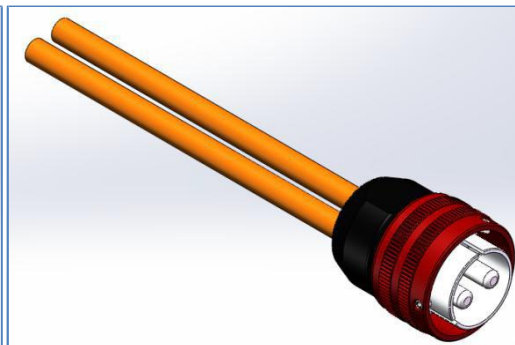
#### 1.4 Plug Assembly

- A. Insert the crimped wire terminals into the holes in the receptacle base one by one. When you hear a "click" sound, it means that the terminals have been preliminarily assembled in place
- B. Squeeze the root of the wire to move the terminal forward, and shake the wire left and right until the "click" sound no longer appears. At this time, the claw has fully supported the terminal.
- C. Pull the wire lightly toward the back. If the pins cannot be pulled out, it means that the terminals are assembled in place.
- D. Insert the plug into the receptacle, and then tighten the connection sleeve outside the rubber ring, the torque is 0.8-1.0N.m.

Here below picture 4 and picture 5 for your reference



Picture 4 Before Assembly



Picture 5 After Assembly

#### 1.5 Electrical Performance Test

Test connector should meet below requirement

Insulation Resistance: 500M $\Omega$

Withstand Voltage: 3000V DC

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

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