

CONNECTOR INSTALLATION INSTRUCTIONS

**Amphe-PD™ Mini 5.7mm Plug Connector Crimp Type**

**Part Number**

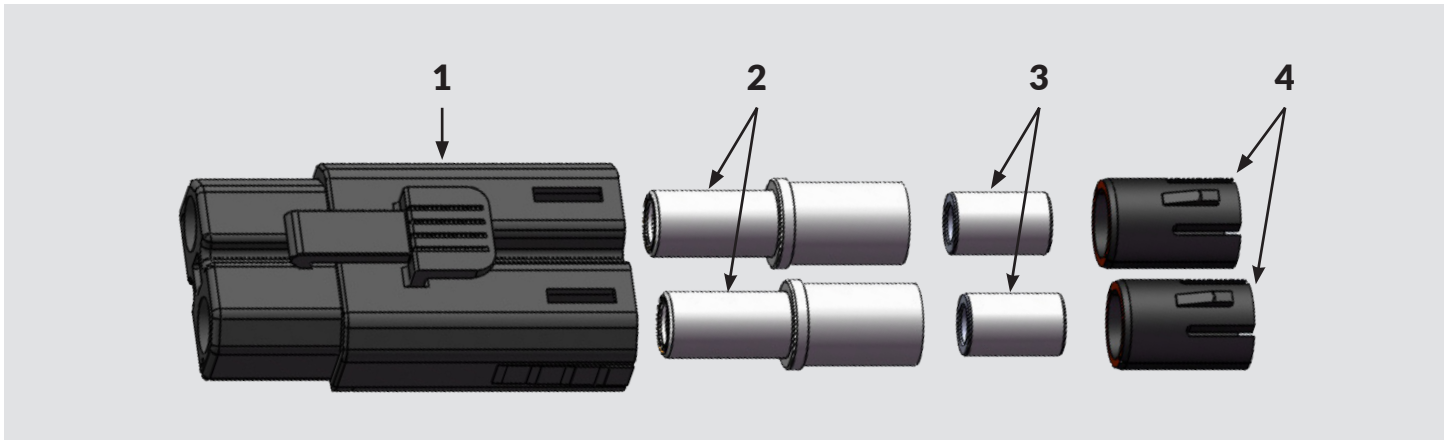
**C10-765463-060**

**C10-765463-040**

**C10-765463-020**



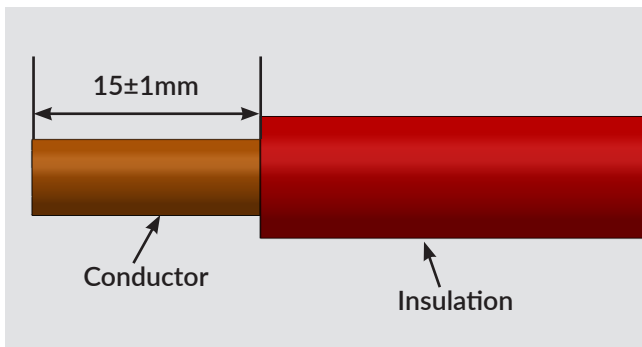
# Part 1: Package Contents



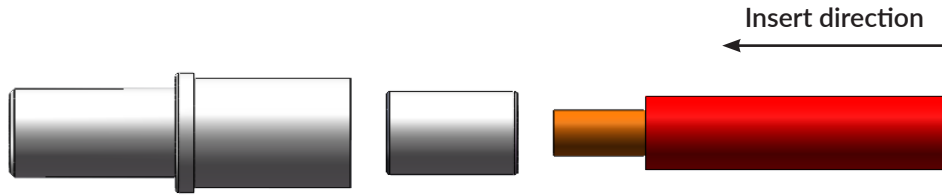
- 1: Plug housing
- 2: Terminal
- 3: Sleeve -- Not needed for 2AWG
- 4: Clip

# Part 2: Receptacle Assembly

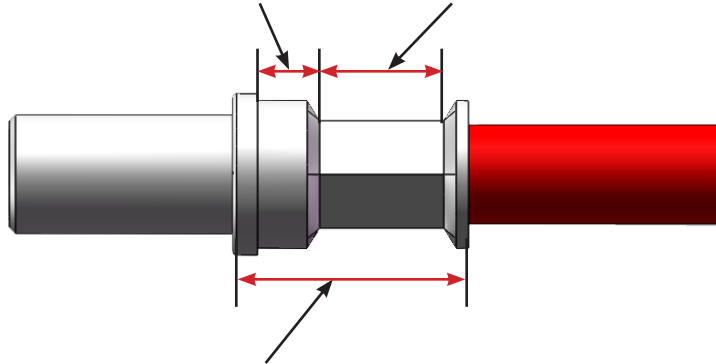
**Step 1:** 2AWG/4AWG/6AWG wire cutting and insulation stripping



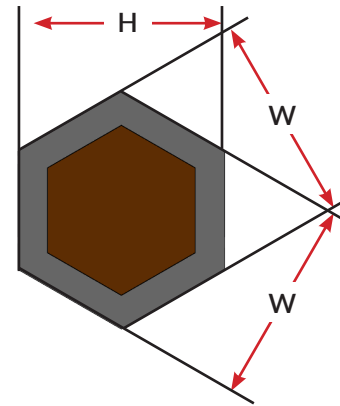
**Step 2:** Insert the cable and sleeve into the terminal hole and crimp (sleeve not needed for 2AWG)



Recommend Crimp distance is 5mm      Recommended crimp length  $10 \pm 0.5 \text{mm}$

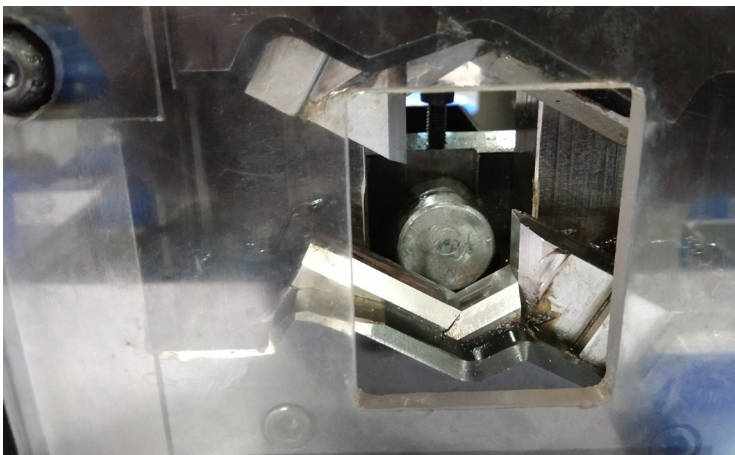


Recommended length  $21.70 \pm 0.2 \text{mm}$  after crimp

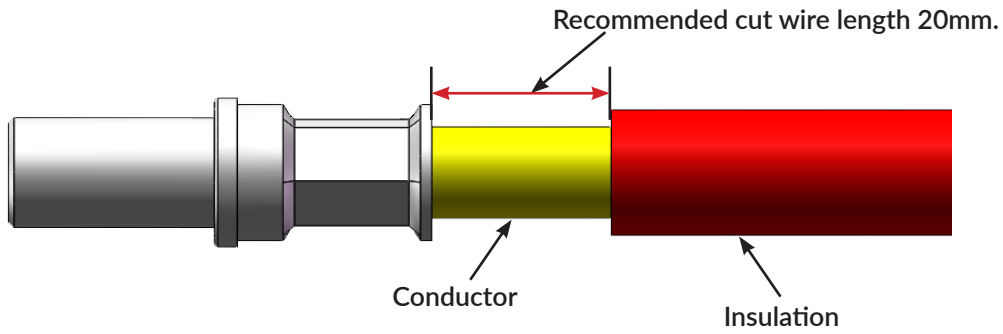


Cable Size	Recommended Crimp Height (H)	Recommended Crimp Width (W)	Cable Pullout Force
2AWG	$7.9 \pm 0.1 \text{mm}$	$7.9 \pm 0.1 \text{mm}$	801.0N Min.
4AWG	$8.8 \pm 0.1 \text{mm}$	$8.8 \pm 0.1 \text{mm}$	623.0N Min.
6AWG	$9.0 \pm 0.1 \text{mm}$	$9.0 \pm 0.1 \text{mm}$	445.0N Min.

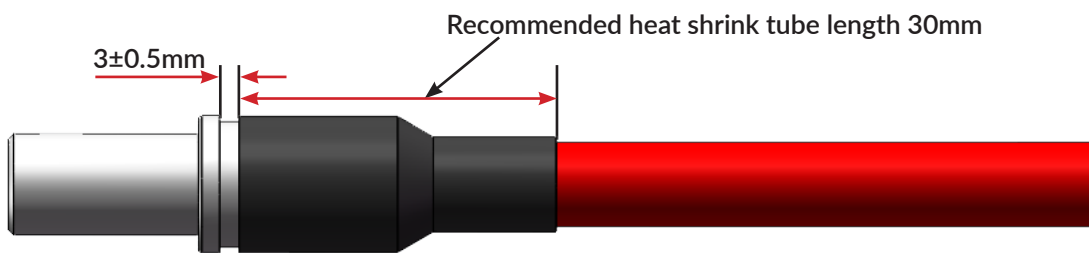
Recommended crimping tool: Terminal-specific crimping machine  
2AWG /4AWG/6AWG



**Step 3:** Cut wire insulation to the recommended length shown in the image below



**Step 3:** Assemble heat shrink tubing onto the tail end of the crimp area



Recommended tool: Heat gun



The heat shrink tubing full recovery temperature: 175 °C

**Step 5:** Install the crimped terminals into the housing

