


Figure 1

**1. INTRODUCTION**

Strain Relief 1375618-1, shown in Figure 1, is designed to provide a protection from stress on the wires of AMP-DUAC 6-position plug connector or receptacle connector.

Read these instructions carefully before assembling the strain relief to the plug or receptacle.

**NOTE** *Dimensions in this instruction sheet are in metric units [with U.S. customary units in brackets]. Figures are not drawn to scale.*



Reasons for reissue of this instruction sheet are provided in Section 5, REVISION SUMMARY.

**2. DESCRIPTION**

This one-piece strain relief is made from UL94V-2 natural nylon.

**3. ASSEMBLY PROCEDURE**

1. Terminate the contacts according to the instructions provided with the applicable termination tooling.

2. Align the connector with the connector opening of the strain relief as shown in Figure 2.

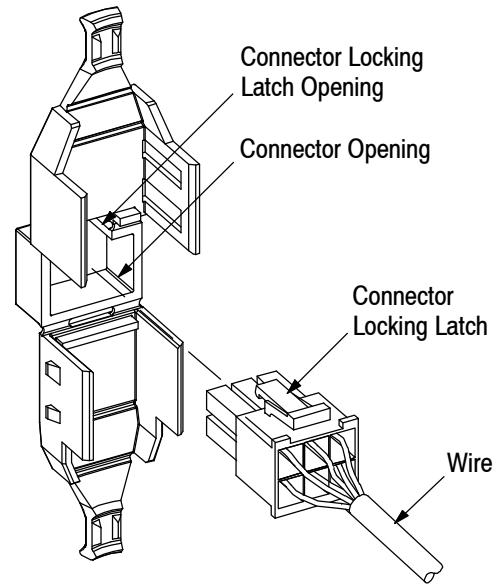


Figure 2

3. Insert the connector into the strain relief until the flange of the connector bottoms with the connector opening of the strain relief (the flange of the connector will prevent the connector from being over-inserted). The connector locking latch opening of the strain relief will accept the locking latch of the connector. See Figure 3.

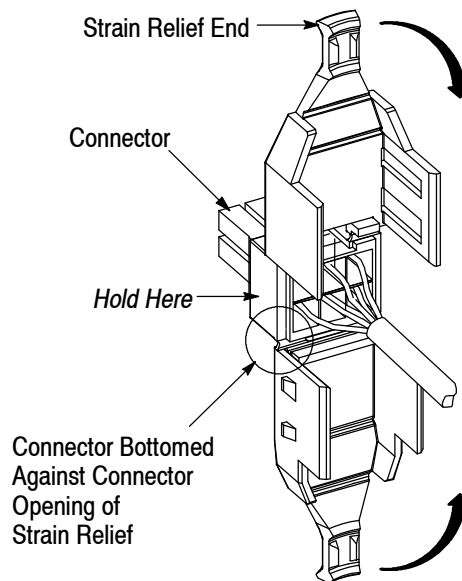


Figure 3

4. While holding the center of the strain relief where the connector has been inserted, push the ends of the strain relief toward the wire until they meet at the wire. See Figure 3.

5. When the ends have been fully rotated to the wire, the strain relief latches will make an audible and tactile “click” that ensures full rotation of the ends to the wire. See Figure 4.

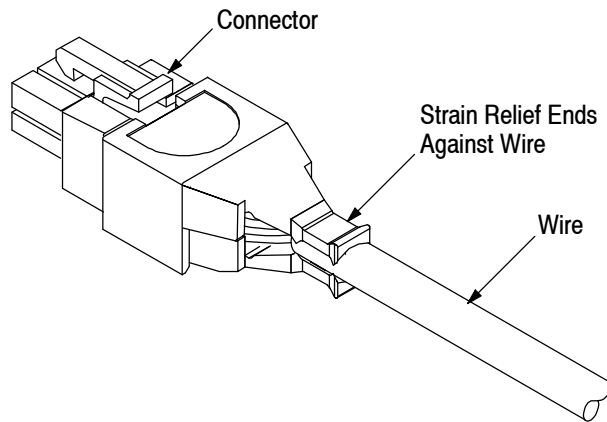


Figure 4

6. To secure the strain relief to the wire, apply Cable Tie 1-603227-9 (152.4 mm [6.0 in.] long) or equivalent to the closed ends of the strain relief. The cable tie may be applied using Cable Tie Installation Tool 734587-1 according to Instruction Sheet 408-8816.

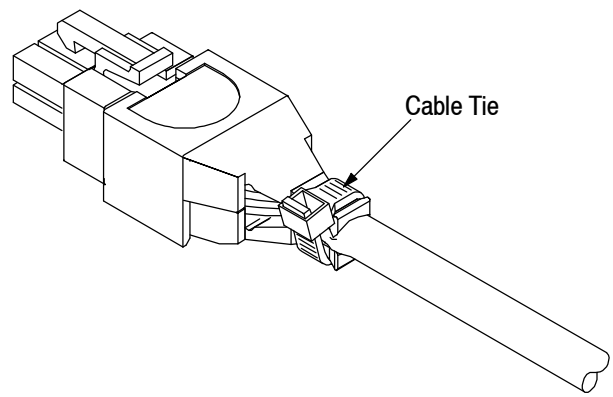


Figure 5

#### 4. REPLACEMENT AND REPAIR

Damaged strain relief or connector (this includes damage to contacts) must be replaced. To open the strain relief, cut the cable tie, pull open the strain relief by using the sides, and remove the connector. Replace the damaged product, then re-assemble the strain relief onto the connector according to Section 3.

#### 5. REVISION SUMMARY

Revisions to this instruction sheet include:

- Updated instruction sheet to corporate requirements
- Replaced tool in Step 6 of Section 3