



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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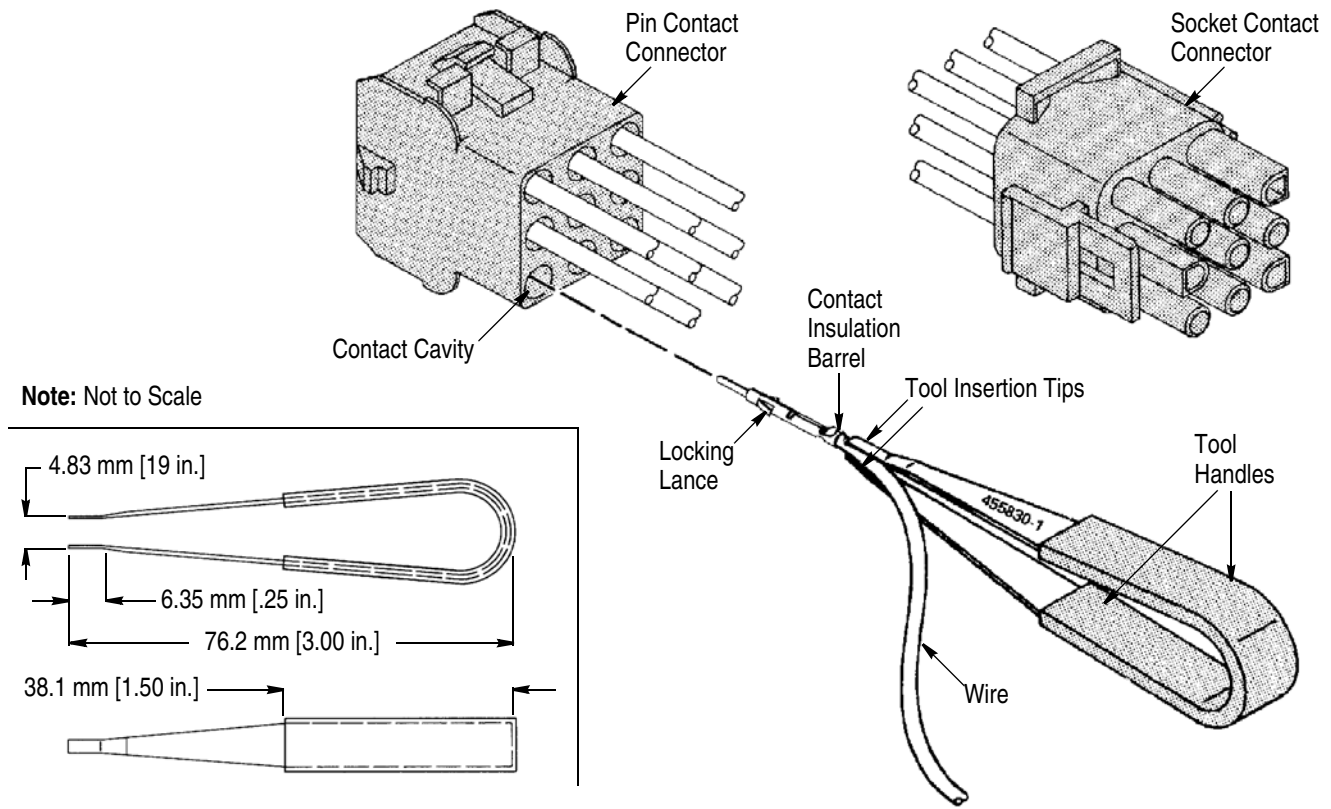
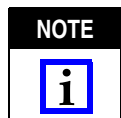


Figure 1

1. INTRODUCTION

Insertion Tool 455830-1 is designed to insert a Universal MATE-N-LOK* pin or socket contact into a connector housing. See Figure 1. Read these instructions thoroughly before using the tool.



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 6, REVISION SUMMARY.

2. DESCRIPTION

This tweezer-shaped insertion tool features two grooved insertion tips for grasping the wire of the contact to be inserted and two tool handles, which assist in applying even pressure to the insertion tips.

3. INSERTION PROCEDURE (See Figure 1)

1. Place the insertion tool over the wire with the insertion tips behind the contact insulation barrel.
2. Insert the contact into the contact cavity of the housing until the locking lance of the contact is fully seated.

3. Remove the insertion tips from the contact cavity, then pull back lightly on the wire of the contact to make sure that the contact is locked in place.

4. TOOL INSPECTION

It is recommended that the insertion tool be inspected immediately upon arrival and at regularly scheduled intervals to ensure that the tool has not been damaged. The insertion tool should be inspected using the dimensions provided in Figure 1.

5. REPLACEMENT

Insertion tools can be purchased from:

CUSTOMER SERVICE (038-035)
 TYCO ELECTRONICS CORPORATION
 PO BOX 3608
 HARRISBURG PA 17105-3608

6. REVISION SUMMARY

Revisions to this instruction sheet include:

- Changed company name and logo
- Changed address in Section 5