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!
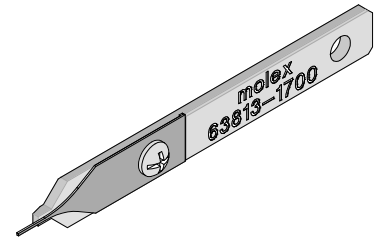
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| | molex® | |
|---|---|---|
| **Extractor Tool** | **Application Tooling Specification Sheet** | |
| | | **Order No. 63813-1700** |

## FEATURES

▪ This Extractor Tool is for the removal of Pico-Clasp™ terminals from Pico-Clasp™ housing (1.00mm (.039") Pitch Wire-to-Board Housing.

## SCOPE

<u>Products</u>: 1.00mm (.039") Pitch Pico-Clasp™ Wire-to-Board Crimp Terminals, 28-32 AWG.

| Terminal Series No. | Housing Series No. | Terminal Order No. | | Housing Order No. | | | |
|---|---|---|---|---|---|---|---|
| 501193 | 501189 | 501193-0000, 501193-0100 | 501193-2000 | 501189-2010 | 501189-3010 | 501189-4010 | 501189-5010 |
| 501334 | 501330, 501939 | 501334-0000 | 501334-0100 | 501330-0200 | 501330-0300 | 501330-0400 | 501330-0500 |
| | | | | 501330-0600 | 501330-0632 | 501330-0633 | 501330-0634 |
| | | | | 501330-0636 | 501330-0637 | 501330-0638 | 501330-0639 |
| | | | | 501330-0700 | 501330-0732 | 501330-0733 | 501330-0734 |
| | | | | 501330-0736 | 501330-0737 | 501330-0738 | 501330-0739 |
| | | | | 501330-0800 | 501330-0832 | 501330-0833 | 501330-0834 |
| | | | | 501330-0836 | 501330-0837 | 501330-0838 | 501330-0839 |
| | | | | 501330-0900 | 501330-0932 | 501330-0933 | 501330-0934 |
| | | | | 501330-0936 | 501330-0937 | 501330-0938 | 501330-0939 |
| | | | | 501330-1000 | 501330-1032 | 501330-1033 | 501330-1034 |
| | | | | 501330-1036 | 501330-1037 | 501330-1038 | 501330-1039 |
| | | | | 501330-1100 | 501330-1132 | 501330-1133 | 501330-1134 |
| | | | | 501330-1136 | 501330-1137 | 501330-1138 | 501330-1139 |
| | | | | 501330-1200 | 501330-1232 | 501330-1233 | 501330-1234 |
| | | | | 501330-1236 | 501330-1237 | 501330-1238 | 501330-1239 |
| | | | | 501330-1300 | 501330-1332 | 501330-1333 | 501330-1334 |
| | | | | 501330-1336 | 501330-1337 | 501330-1338 | 501330-1339 |
| | | | | 501330-1400 | 501330-1432 | 501330-1433 | 501330-1434 |
| | | | | 501330-1436 | 501330-1437 | 501330-1438 | 501330-1439 |
| | | | | 501330-1500 | 501330-1532 | 501330-1533 | 501330-1534 |
| | | | | 501330-1536 | 501330-1537 | 501330-1538 | 501330-1539 |
| | | | | 501939-0300 | 501939-0330 | 501939-0331 | 501939-0332 |
| | | | | 501939-0333 | 501939-0334 | 501939-0336 | 501939-0337 |
| | | | | 501939-0338 | 501939-0339 | 501939-0400 | 501939-0430 |
| | | | | 501939-0431 | 501939-0432 | 501939-0433 | 501939-0434 |
| | | | | 501939-0436 | 501939-0437 | 501939-0438 | 501939-0439 |
| | | | | 501939-0500 | 501939-0530 | 501939-0531 | 501939-0532 |
| | | | | 501939-0533 | 501939-0534 | 501939-0536 | 501939-0537 |
| | | | | 501939-0538 | 501939-0539 | | |

## OPERATION:

1. Push the terminal and the wire forward in the arrow direction before using the Extractor Tool.
2. Insert the Extractor Tool into the slot below the terminal until the stop on the tool contacts the plastic housing as shown in Figure 1. This will flex the plastic lance freeing the terminal.
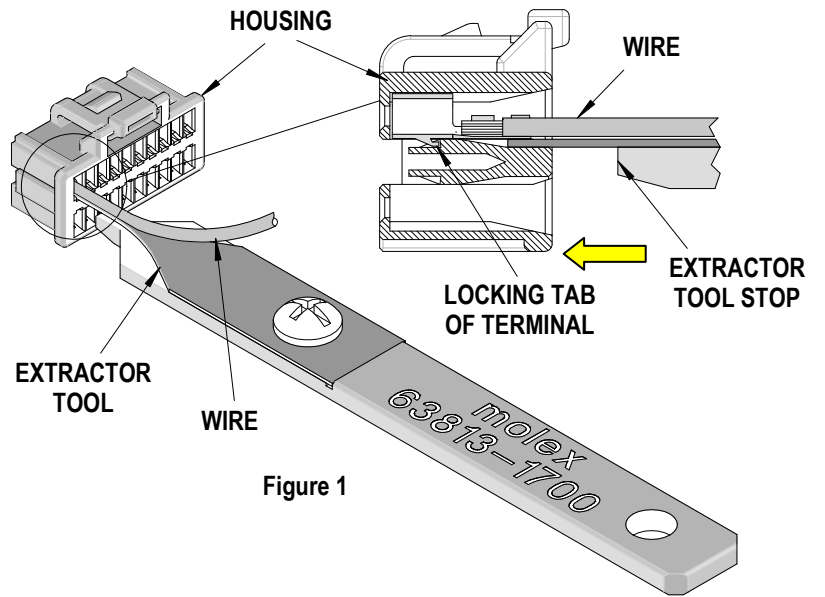
**HOUSING**
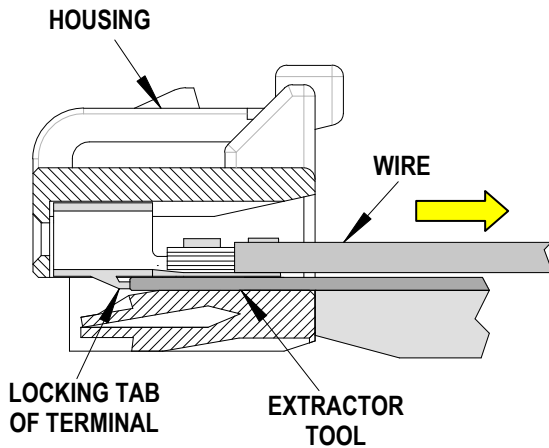
**WIRE**

**EXTRACTOR TOOL**

**WIRE**

**LOCKING TAB OF TERMINAL**

**EXTRACTOR TOOL STOP**

molex 63813-1700

**Figure 1**

**HOUSING**

**WIRE**

**LOCKING TAB OF TERMINAL**

**EXTRACTOR TOOL**

**Figure 2**

**Note**: Please do not forcefully insert, insert on an angle, or insert with twisting action. It may damage the tool or the housing.

3. Holding the wire and the tool together, pull the wire and the tool back through the connector slot in the arrow direction as shown in Figure 2.
4. Molex does not offer repair parts for Extractor Tools due to the inexpensive nature of the tool.

**CAUTION**: Molex crimp specifications are valid only when used with Molex terminals and tooling.

http://www.molex.com