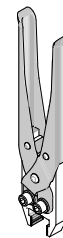# molex®

| NeoPress Plug and Receptacle Removal Tool | Application Tooling Specification Sheet |
|---|---|

**Order No. 62203-1320**

## FEATURES

- Universal tool used for removal of NeoPress plug and receptacle assemblies
- Removes connector without damaging the PCB
- For plug insertion, use 62203-1300 (6x14) or 62203-1330 (6x10) tools
- For receptacle insertion, use 62203-1310 (6x14) or 62203-1340 (6x10) tools

## SCOPE

Products: NeoPress 100 Ohm Plug and Receptacle Assemblies. See Product List below for specific part numbers.

## Product List

The following is a partial list of the product order numbers and their specifications this tool is designed to run. Updates to this list are available on www.molex.com.
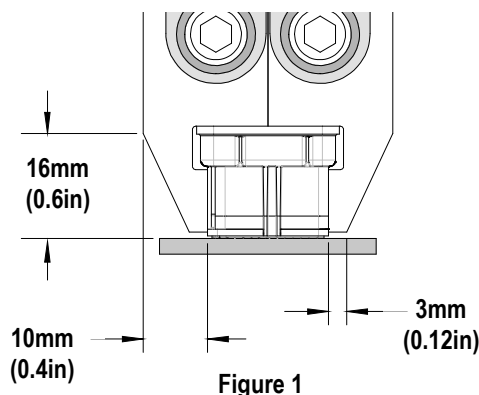
| Size | Series No. | Assembly Order No. | |
|---|---|---|---|
| 6 x 10 | 172801 | 172801-0005 | 172801-0006 |
| | | 172801-0007 | |
| | 172832 | 172832-0005 | 172832-0006 |
| | | 172832-0007 | |
| 6 x 14 | 172801 | 172801-0001 | 172801-0009 |
| | 172832 | 172832-0001 | |
| 6 x 16 | 172801 | 172801-0008 | 172801-0013 |
| | 172832 | 172832-0013 | |

## DESCRIPTION

The 62203-1320 NeoPress Removal Tool is a pliers-type tool for removing a press-fit plug or receptacle signal module from the printed circuit board. The tool is approximately 200mm (8 in) long by 45mm (1.8 in) wide (closed) by 38mm (1.5 in) thick and weighs 0.7 kg (1.5 lb.).
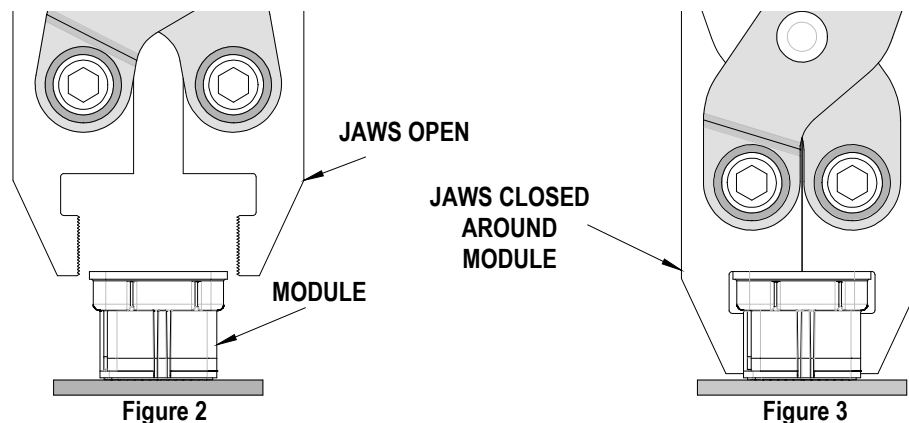
## OPERATING SPACE (Keep Out Zone)

A certain amount of space is required on the printed circuit board for the removal tool to fit over the signal module. Make sure there are no other components in this space. See Figure 1.



16mm (0.6in)

10mm (0.4in)

3mm (0.12in)

**Figure 1**

## TOOL OPERATION

1. Open the removal tool so jaws fit over the module to be removed. The front and back jaws should fit over the module as shown in Figure 2.
2. Slowly squeeze the removal tool closed, making sure the jaws securely grip the housing. See Figure 3.

**JAWS OPEN**

**JAWS CLOSED AROUND MODULE**

**MODULE**

**Figure 2**

**Figure 3**

3. Use a perpendicular upward motion to remove the module. Do not excessively "rock" the module back and forth because this may damage the PCB.
4. It may be necessary to reposition the tool along the module to gradually remove it from the PCB.

## Maintenance

It is recommended that each operator of the tool be made aware of and responsible for the following maintenance steps:

1. Remove dust, moisture and other contaminants with a clean brush or a soft, lint-free cloth.
2. Do not use any abrasive materials that could damage the tool.
3. Make certain all pins, pivot points and bearing surfaces are protected with a thin coat of high-quality machine oil. Do not oil excessively.
4. When the tool is not in use, store it in a clean, dry area.
5. There are no repair parts available for this tool. Should the tool be damaged, a new tool is required.

**CAUTION:** Molex application tooling specifications are valid only when used with Molex connectors and tooling.

**Application Tooling Support**

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