Mini Mate ® Connector Series:
IPD1 Series
CAT-EX-179-01 - Extraction Tool

Instruction Sheet
STS-N-001
Rev. F
Date: 8/11/2014

LANCE
RELEASE
TIP

LOCKING LANCE

CC79 CONTACT

CAT-EX-179-01

CONTACT EXTRACTION
TOOL
CAT-EX-179-01

FIGURE 1

1. INTRODUCTION

Contacts can be safely removed from a housing cavity by using the extraction tool shown in **Figure 1**. This instruction sheet covers the use of the SAMTEC Extraction Tool CAT-EX-179-01. These tools are intended to aid in the removal of the CC79, Mini Mate ® contacts from the housing.

2. CUSTOMER SERVICE

Further tooling and product application assistance is available by contacting the **Samtec Application Service Line - (+1-800-726-8329 (+1-812-944-6733))** 8:00 AM to 5:00 PM eastern time. To expedite your inquiry, have the pertinent part numbers for the product and tooling.

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3. DESCRIPTION

Each tool handle is marked with the tooling number. Make sure it matches the tooling number specified in this document.

The CC79 Mini Mate® contact has a retaining lance that can be released through an access window located on the outside of the housing as shown in **Figure 2**. The Extraction tool has a tip that is inserted into the window to depress the lance the correct amount for contact removal.

CAUTION - Do not use any unintended tools to release the lance. This can cause damage to the lance and weaken its ability to retain the reinserted contact in the housing.

4. EXTRACTION PROCEDURE

The following steps are recommended:

1. Push the desired lead forward to the bottom of its cavity. This will provide clearance for the lance to be depressed.

2. Engage the tip of the Extraction Tool in the lance window as shown in **Figure 2**. With downward pressure, push the tool toward the back of the window to release the lance.

3. Maintain downward pressure on the tool tip then grip the lead and pull the contact from its cavity.
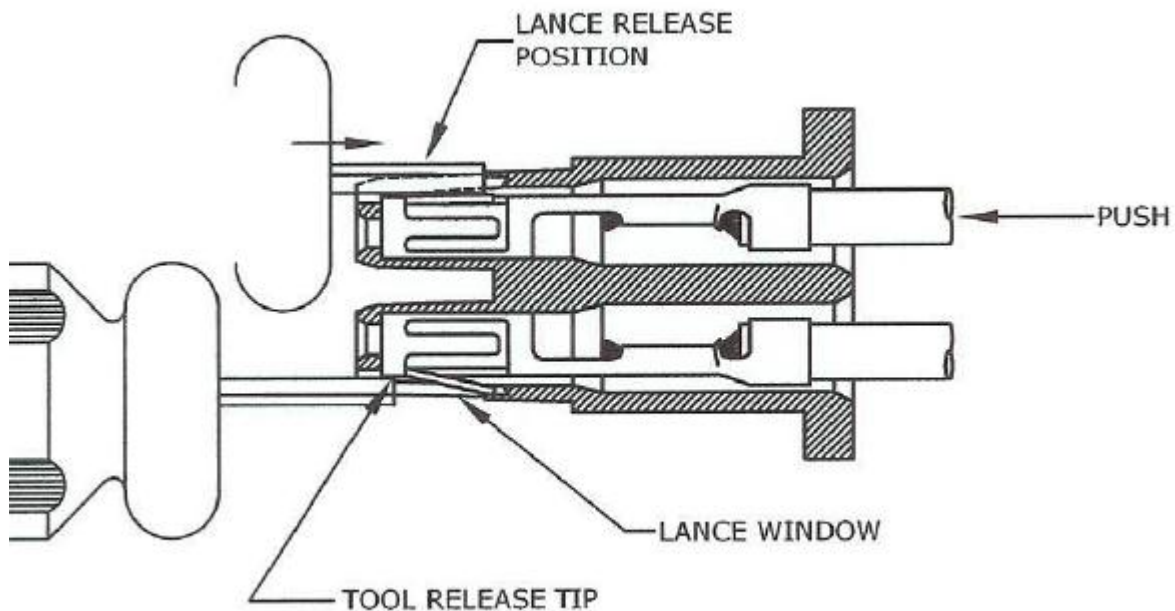

FIGURE 2

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