Instruction Sheet

Tiger Eye™ Connector Series: STS-N-003
SFSX, S2SX, TFSX, and T2SX Series   Rev. C
CAT-EX-169-01 - Extraction Tool   Date: 9/25/2014

LANCE RELEASE TIP

CAT-EX-169-01

CONTACT EXTRACTION TOOL
CAT-EX-169-01

LOCKING LANCE
CC03 CONTACT

LOCKING LANCE
T1M44 TERMINAL

LOCKING LANCE
CC81 CONTACT

LOCKING LANCE
T1M82 TERMINAL

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-169-01. These tools are intended to aid in the removal of the CC03, T1M44, CC81, and T1M82 Tiger Eye™ contacts and terminals 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 Tiger Eye™ contacts and terminals have a retaining lance that can be released through an access cavity located on the top and bottom of the housing as shown in **Figure 2**. The Extraction tool has a tip that is inserted into the cavity 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 in the cavity towards the mating face. This will provide clearance for the lance to be depressed.

2. From the top or bottom of the housing insert the Extraction Tool into the lance cavity as shown in **Figure 2**. This is typical for all contacts.

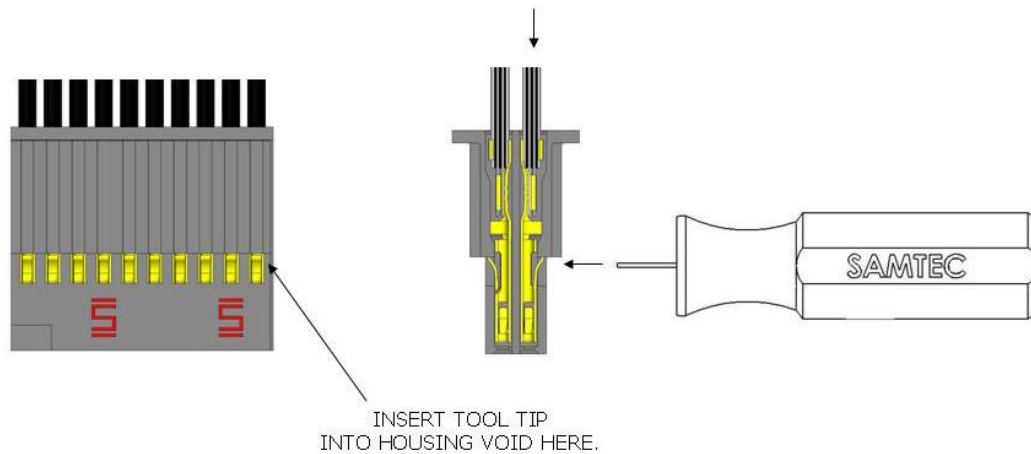3. Maintain pressure against the locking lance then grip the lead and pull the contact from its cavity.

INSERT TOOL TIP
INTO HOUSING VOID HERE.

FIGURE 2