AMP INCORPORATED
HARRISBURG, PA 17105

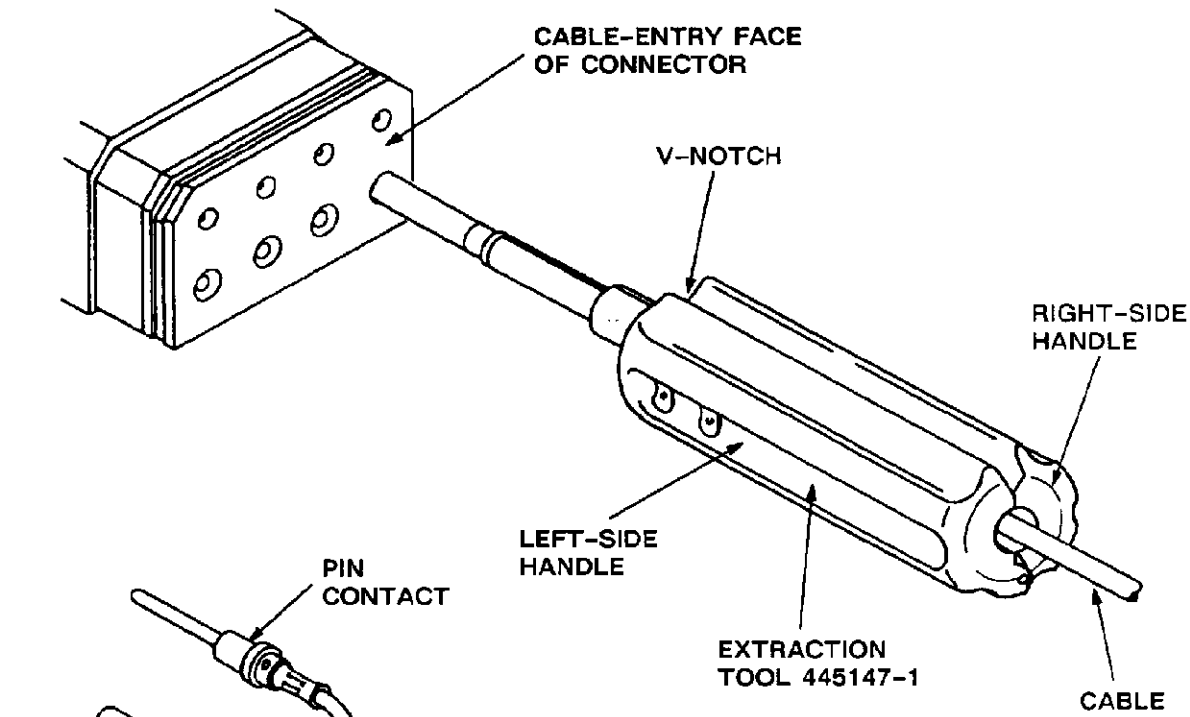
CUSTOMER HOTLINE
1 800 722-1111

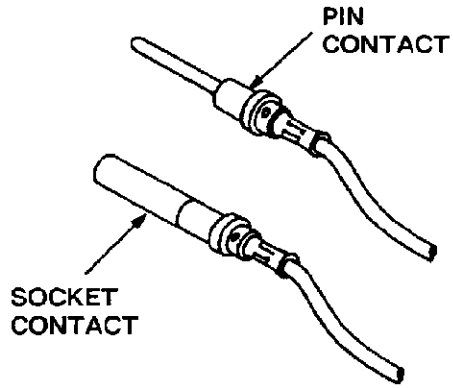
AMP* EXTRACTION TOOL 445147-1 FOR SIZE 12 CONTACTS USED IN ARINC 404 and 600 CONNECTORS

REDUCE FOR PACKAGING

IS 9397

RELEASED
2-21-89





ARINC SIZE 12 CONTACTS	
PART NUMBER	
PIN	SOCKET
205763-3†	205851-2†
208271-3††	208273-2††

† FOR ARINC 600 CONNECTORS ONLY
†† FOR BOTH ARINC 404 AND 600 CONNECTORS

Fig. 1

1. INTRODUCTION

This instruction sheet (IS) covers AMP Extraction Tool 445147-1 which is used to remove Size 12 contacts listed in Figure 1 from ARINC 404 and 600 connectors. Read these instructions thoroughly before removing any contacts.

NOTE

All dimensions on this sheet are in inches.

2. DESCRIPTION

The tool features right- and left-side handles made of plastic, a metal extraction tip, and two slotted springs. The tool tip is inserted into the rear of the connector cavity to release the locking mechanism holding the contact in place. The handle is hinged lengthwise to pivot open, allowing the cable to enter. The springs hold the handle halves closed.

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3. EXTRACTION PROCEDURE

The steps which follow are recommended to extract a Size 12 contact from an ARINC 404 or 600 connector. Proceed as follows:

1. Place the cable over the V-notch of the tool handle; then press the cable into the notch. The handle and tool tip will spread open to allow the cable to enter. Make sure the cable fully seats in the handle and tip.

2. Keeping tool perpendicular to cable-entry face of connector, insert the tool tip into the contact cavity until it bottoms.

3. Maintain a slight forward pressure on the tool handle and pull back on the cable to release the contact.

4. Pull the cable, contact, and tool out of the back of the connector.

5. Open the tool handles and remove the cable from the tool.

4. TOOL INSPECTION

The extraction tool should conform to the dimensions provided in Figure 2. AMP recommends that the tool be inspected immediately upon arrival at your facility and at regularly scheduled intervals to ensure the tool has not been damaged during handling and use.

Additional tools can be purchased from:

AMP Incorporated
P.O. Box 3608
Harrisburg, PA 17105

or a wholly owned subsidiary of AMP Incorporated.

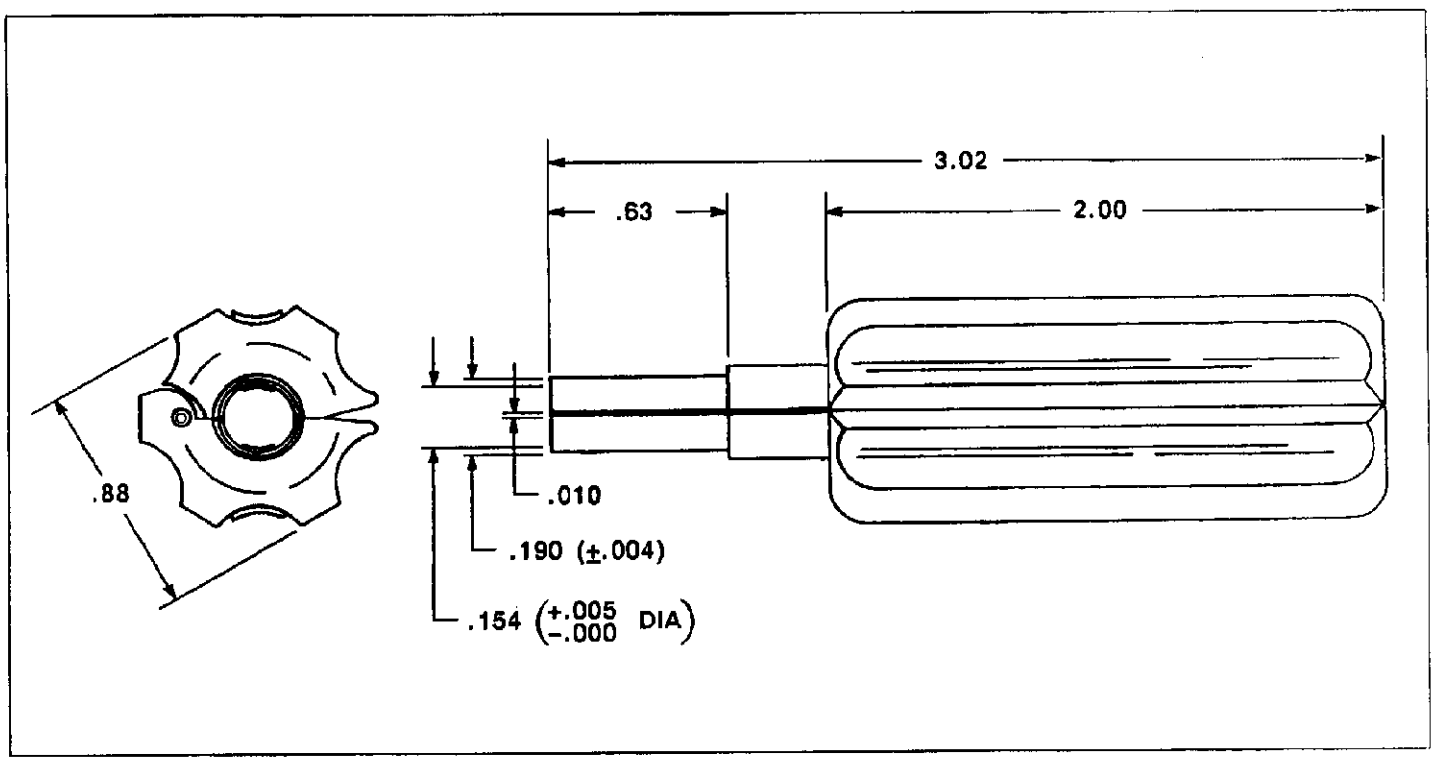

Fig. 2