

Fig. 1

## 1. INTRODUCTION

This instruction sheet covers the use of the AMP Insertion Tool 455830 which is designed for inserting AMP Universal MATE-N-LOK ★ pin and socket contacts into their housings. Read these instructions thoroughly before inserting any contacts.

## 2. DESCRIPTION

This tweezer-shaped tool features two grooved insertion tips for grasping the wire connected to the contact, and two tool handles which assist in applying even pressure to the insertion tips.

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## 3. INSERTION PROCEDURES (Figure 1)

Insert the contact as follows:

1. Place the insertion tool over the wire, with the tool insertion tips behind the contact insulation barrel.
2. Insert the contact into the connector cavity until the locking lance on the contact is fully seated.
3. Remove the insertion tool tip from the connector cavity. Pull back lightly on the wire to make sure the contact is locked in place.

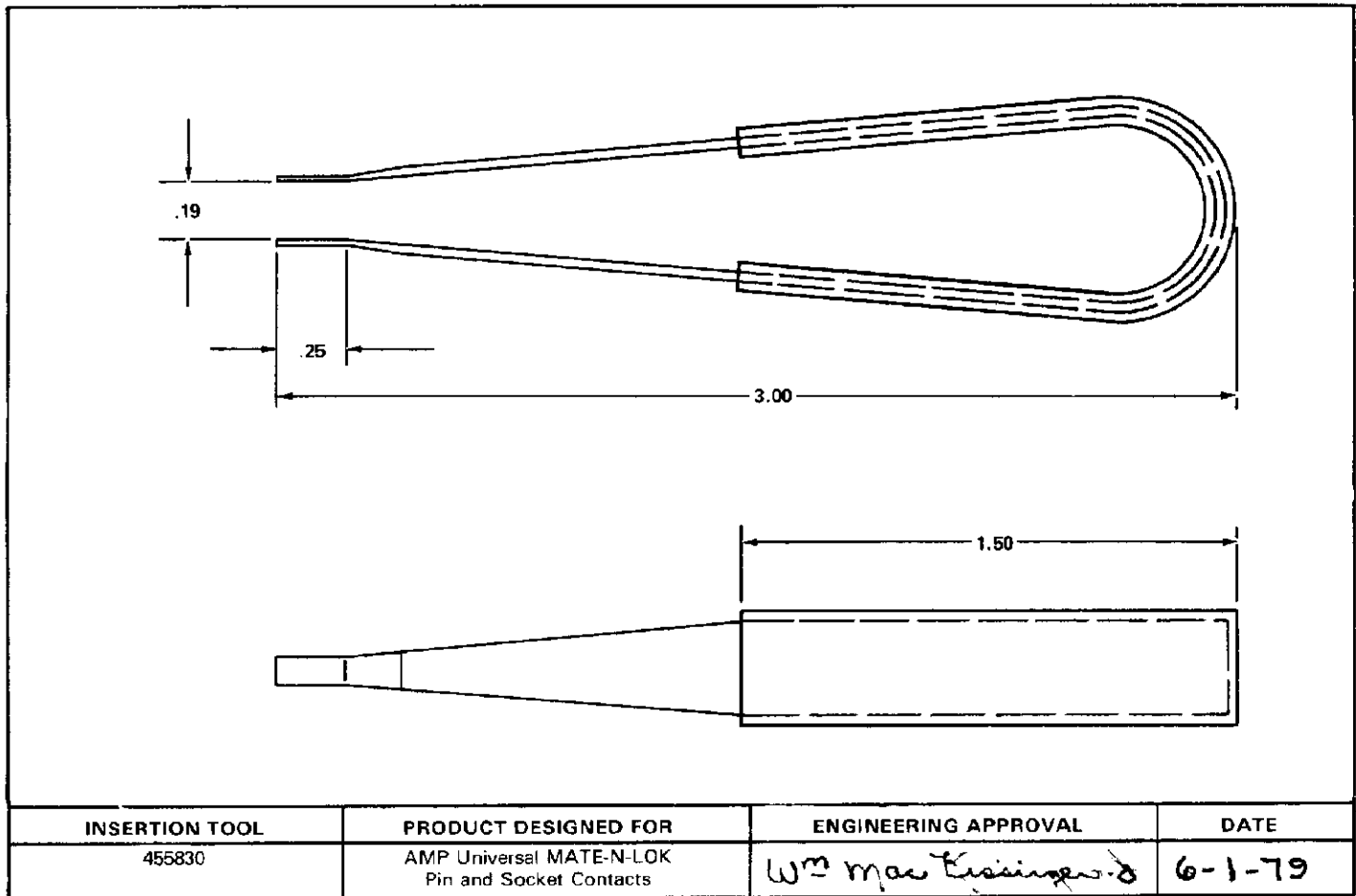


Fig. 2

**4. TOOL CERTIFICATION**

The tool listed in this instruction sheet should be certified with the information provided in Figure 2.

We recommend that you inspect the tool immediately upon arrival in your factory, and at regularly scheduled

intervals, to ensure that the tool has not been damaged.

Additional tools can be purchased from:

AMP Incorporated  
 Eisenhower Boulevard  
 Harrisburg, Pennsylvania 17105