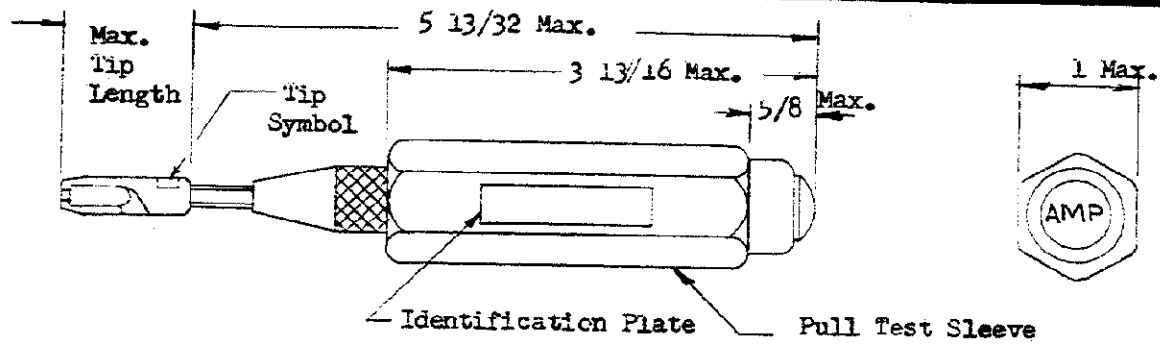


NUMBER  
C-380431



| <u>Tool Number</u> | <u>Trip Force</u> | <u>Tip Number</u> | <u>Tip Symbol</u> | <u>Tip Length</u> |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| * 380431-1         | 20-22             | 380429-1          | E1                | ① 1 9/16          |
| 380431-2           | 12-13             | 380429-1          | E1                | ② 1 9/16          |
| 380431-3           | 12-13             | 811013-1          | L1                | 1 1/32            |
| * 380431-4         | 20-22             | 811013-1          | L1                | 1 1/32            |

\* 20-22 pound tool to be used exclusively for inserting terminals into receptacles mounted in resilient material.

APPLICATION FOR THE PROPOSED  
CONNECTOR PRODUCTS DIV.

1. For Tool usage, see Instruction Sheet # 7078.
2. For Tip dimensions, see Tip Customer Drawing.
3. For readjustment or replacement of parts other than Tips, return Tool to AMP, Inc., Mt. Joy, Penna., to insure proper calibration.
4. Trip force is the force in pounds, required to trip the tool.
5. A force of 10-12 pounds is required to make the Pull Test Sleeve move .100 inches.

DIMENSIONS IN INCHES. DO NOT SCALE PRINT.

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**CUSTOMER COPY  
REFERENCE ONLY**

|     |                      |               |     |                |
|-----|----------------------|---------------|-----|----------------|
| G-1 | Loc. M was E         | PP            |     |                |
| G   | 1 2/8 was 1 on 1-8-2 | 4             | DD  | 9/5/65         |
| F-1 | ADDED 20-22 NOTE     | ES            | 44  | 2/27/62        |
| E   | REV. & REDRAWN       | ES            | NT  | 1/1/62         |
| LTR | REVISION RECORD      | DR            | CHK | DATE           |
| DR  | <i>ES</i>            | <i>1/2/63</i> | DE  | <i>Stall</i>   |
| CHK | <i>N. J. Mochler</i> | <i>1-1-63</i> | APP | <i>1/15/63</i> |

**MATERIAL AND FINISH**  
Steel-Plated;  
Aluminum  
Weight 6 ± 1 1/2 Oz.

WIRE — RANGE — INSULATION  
— — — — —

TOLERANCE EXCEPT AS NOTED  
= .015 = 1° 0'

SCALE  
— — — — —

NAME **CERTI-LOK INSERTION TOOL  
WITH PULL TEST FEATURE**

**AMP** AMP INCORPORATED  
HARRISBURG, PENNA.

CLASS \_\_\_\_\_

TYPE \_\_\_\_\_

LOC **M** NO **A** C-380431

REV **G-1**