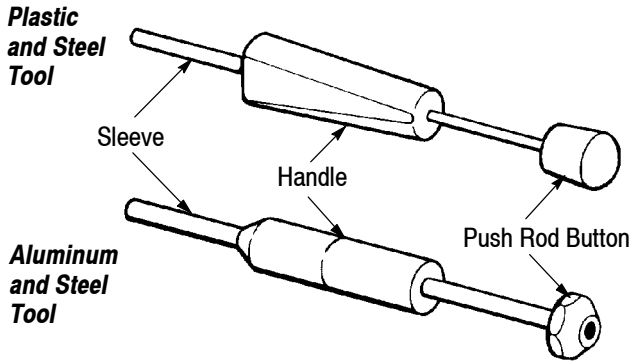


PROPER USE GUIDELINES

Cumulative Trauma Disorders can result from the prolonged use of manually powered hand tools. Hand tools are intended for occasional use and low volume applications. A wide selection of powered application equipment for extended-use, production operations is available.



EXTRACTION TOOL	CONTACT	
	TYPE	SIZE
305183	● II, III, III(+), VI, X, and Subminiature Coaxial	All Sizes
305183-4	● I	14
305183-6	I	10
305183-7	I	8
305183-8	I	12
	● Miniature Coaxial	20
1-305183-3	I	10

● Plastic and Steel — All Others: Aluminum and Steel

Figure 1

1. INTRODUCTION

The extraction tools listed in Figure 1 are designed to remove pin and socket contacts from Multimatch connectors. Read these instructions thoroughly before starting.

NOTE *Dimensions on this instruction sheet are in millimeters [with inch equivalents in brackets]. Illustrations are for identification only and are not drawn to scale.*

Reasons for reissue of this instruction sheet are provided in Section 6, REVISION SUMMARY.

2. DESCRIPTION

Each tool features a handle and sleeve to release the contact locking lance, and a push rod button to eject the contact.

There are two styles of tools. The first style illustrated in Figure 1 has a plastic handle and push rod button

with all other components made of steel. The second style illustrated in Figure 1 has an aluminum push rod button with all other components made of steel. The part number determines the style of the tool.

3. EXTRACTION PROCEDURE

Refer to Figure 1, and select the appropriate extraction tool according to the contact type and contact size, to be removed. Proceed as follows:

1. For smaller wire, use Insertion Tool 91002-1 to “unseat” the contact retention spring from the housing contact cavity retention ledge by exerting a small amount of force on the back of the contact. For larger wire with sufficient column strength, push on the contact wire.
2. Align the sleeve of the tool with the contact to be removed. See Figure 2.
3. Holding the tool handle, insert the sleeve straight into the contact cavity until it bottoms. To determine if the extraction tool is fully seated on the housing retention ledge; thereby ensuring that the retention tines are fully retracted, a mark can be placed on the tool sleeve when it comes to rest on the retention ledge of an empty housing contact cavity. Allow the push rod button to “back out” of the handle as shown in Figure 3.

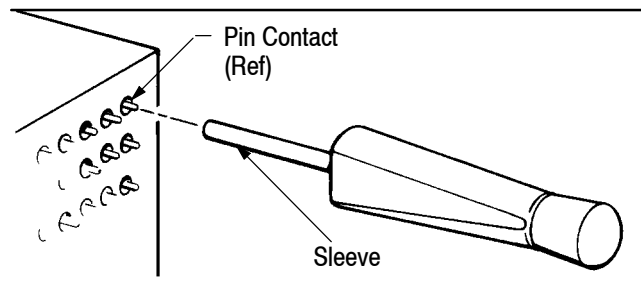


Figure 2

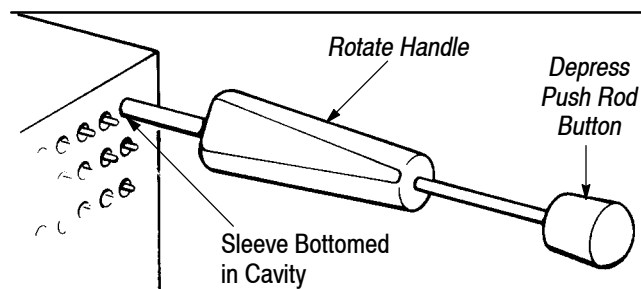


Figure 3

4. Rotate the tool handle to ensure contact locking lance has released.
5. Keep the tool sleeve firmly bottomed in the contact cavity, and depress the push rod button. The contact will eject as the button is depressed.

Store the tool in a clean, dry place. Clean the tool with a soft, lint-free cloth.

5. REPLACEMENT AND REPAIR

The tool is not repairable and should be replaced when worn or damaged.

Order tools through your representative, or call 1-800-526-5142, or send a facsimile of your purchase order to 717-986-7605, or write to:

CUSTOMER SERVICE (038-035)
 TYCO ELECTRONICS CORPORATION
 PO BOX 3608
 HARRISBURG PA 17105-3608

NOTE
If the contact becomes lodged in the contact cavity and excessive force must be used to extract the contact, verify that all of the contact retention tines are still attached to the contact after removal and have not been embedded in the contact cavity.

6. Remove the tool from the contact cavity.

4. MAINTENANCE AND INSPECTION

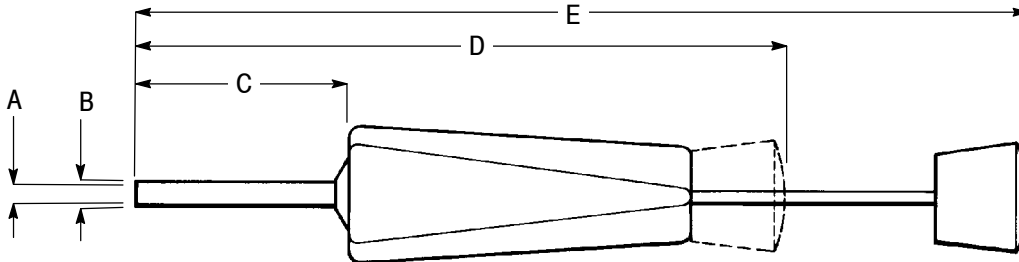
To ensure proper operation, it is recommended that the tool be inspected immediately on arrival and at regularly scheduled intervals.

6. REVISION SUMMARY

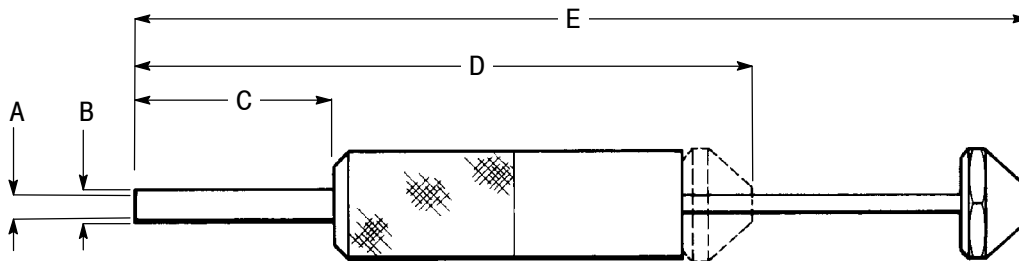
Revisions to this instruction sheet include:

- Changed company logo

Plastic and Steel Tool



Aluminum and Steel Tool



EXTRACTION TOOL	DIMENSION				
	A	B	C	D	E
305183	2.92 [.115]	3.28 [.129]	30.73 [1.21]	81.28 [3.20]†	115.06 [4.53]
305183-4	4.11 [.162]	4.55 [.179]	25.65 [1.01]	71.88 [2.83]	104.90 [4.13]
305183-6	5.77 [.227]	6.38 [.251]	25.65 [1.01]	71.88 [2.83]	104.90 [4.13]
305183-7	6.50 [.256]	7.21 [.284]	25.65 [1.01]	71.88 [2.83]	104.90 [4.13]
305183-8	5.18 [.204]	5.69 [.224]	29.21 [1.15]	79.76 [3.14]	112.01 [4.41]
1-305183-3	5.77 [.227]	6.17 [.243]	25.65 [1.01]	71.88 [2.83]	104.90 [4.13]

†This dimension was 76.2 [3.00] prior to tool Rev R.

Figure 4

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкуренспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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