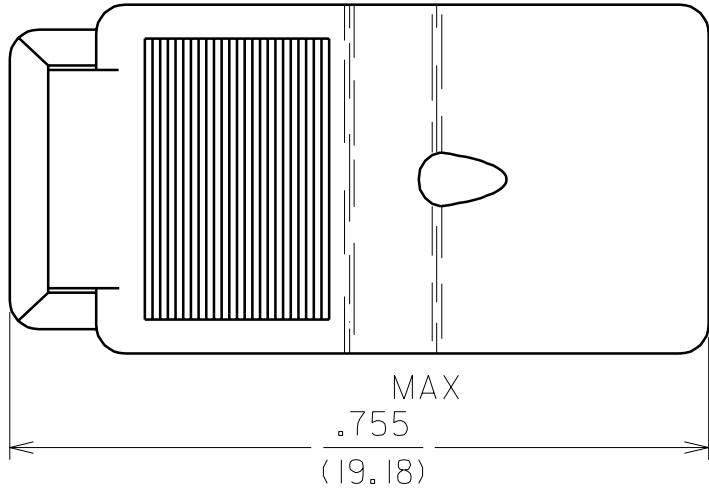
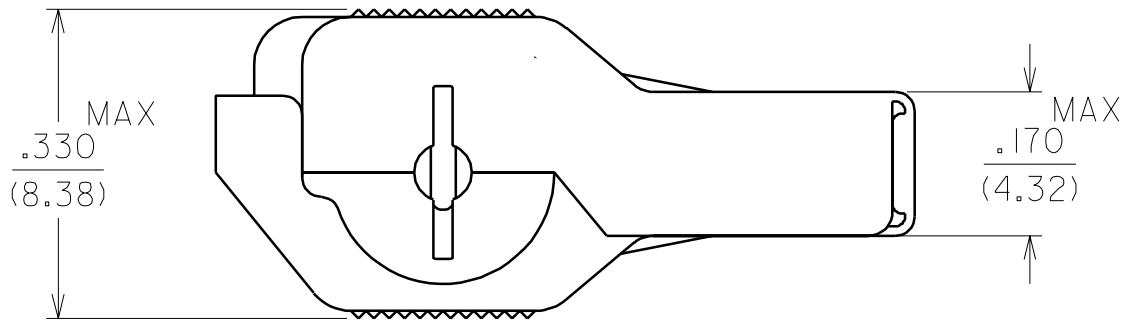
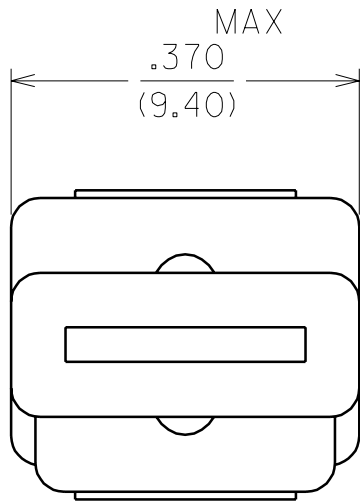
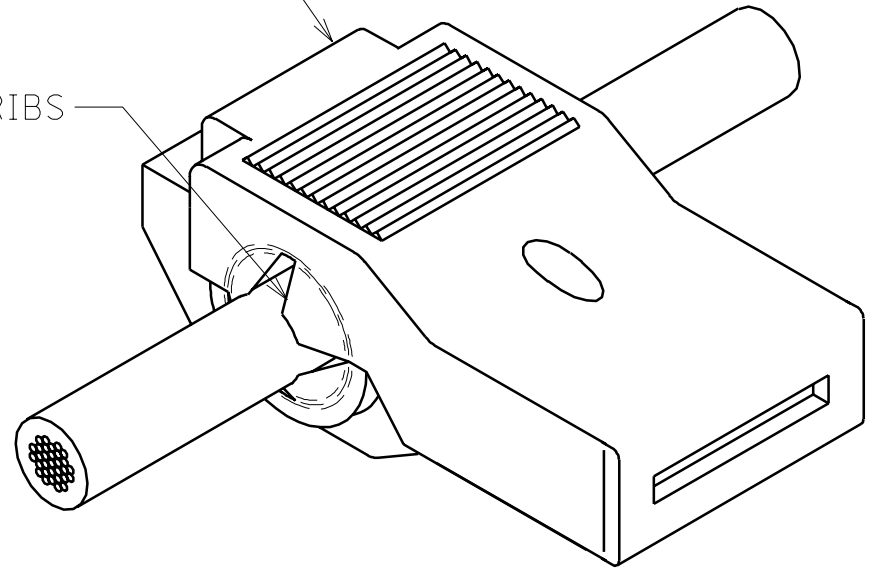


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| MATERIAL NO. | ALTERNATE NO. | WIRE RANGE<br>AWG(mm2) | HOUSING<br>COLOR |   |   |   |   |   |   |
| 192160011    | WT-2218       | 22-18(.34-.75)         | RED              |   |   |   |   |   |   |
| 192160010    | WT-1814       | 18-14(.75-2.5)         | BLUE             |   |   |   |   |   |   |
| 192160009    | WT-12         | 12(4.0)                | YELLOW           |   |   |   |   |   |   |



INSULATION HOUSING SUPPORT RIBS

ASSEMBLED ON WIRE



NOTES:

1. MATERIALS

HOUSING: UNFILLED NYLON UL FLAMMABILITY

RATING 94V-2

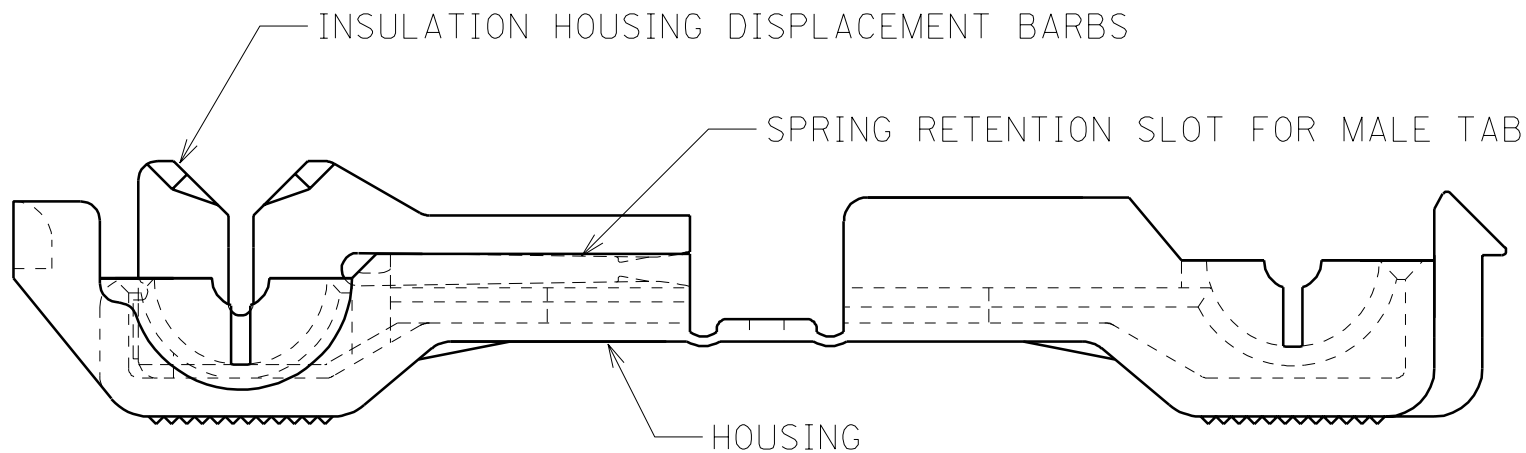
COLOR: SEE TABLE

TERMINAL: COPPER ALLOY

2. FINISH

TERMINAL: TIN

CLOSED POSITION AFTER ASSEMBLY ON WIRE



OPEN POSITION PRIOR TO ASSEMBLY ON WIRE

|      |                                                |
|------|------------------------------------------------|
| B    | VOIDS DWG. WT-CD<br>ETC2000-0001<br>HEB 99/7/2 |
| A    | SEE ECN* 1137<br>09/08/94<br>RCM               |
| LTR. | REVISIONS                                      |

CUSTOMER DRAWING

|                                                                   |  |  |  |                                    |  |  |  |
|-------------------------------------------------------------------|--|--|--|------------------------------------|--|--|--|
| DIMENSIONS SHOWN (METRIC) INCH                                    |  |  |  | REVISE ONLY ON CAD SYSTEM          |  |  |  |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES: ANGULAR $\pm 1/2^\circ$ |  |  |  | TITLE<br><br>WIRE TAP<br>MULTIMATE |  |  |  |
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# ENGINEERING SPECIFICATION

## INSTALLATION INSTRUCTION SHEETS

### 1.0 SCOPE

This specification consists of installation instructions for wire taps.

### 2.0 PURPOSE

To clarify installation instructions for end users of wire taps.

### 3.0 REFERENCE MATERIAL NUMBERS

See page 2 for the actual instruction sheets. This page can be used as originals when cut into fourths.

### 4.0 DEFINITIONS

Not applicable.

### 5.0 PROCEDURES

Place one (1) instruction sheet (1/4 of next sheet) in the smallest unit container.

### 6.0 IMPLEMENTATION

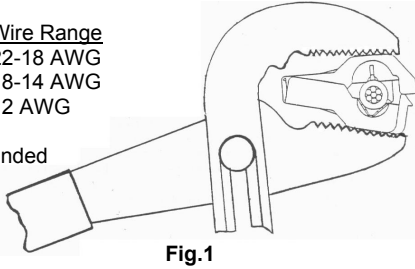
August 10, 2010

|                     |                                                           |                                                              |                 |
|---------------------|-----------------------------------------------------------|--------------------------------------------------------------|-----------------|
| REVISION:           | ECR/ECN INFORMATION:                                      | TITLE:                                                       | SHEET No.       |
| <b>A</b>            | EC No: <b>WNA2011-0136</b><br>DATE: <b>2010 / 08 / 10</b> | WIRE TAP INSTALLATION INSTRUCTIONS<br>22 THROUGH 12 AWG WIRE | <b>1 of 2</b>   |
| DOCUMENT NUMBER:    | CREATED / REVISED BY:                                     | CHECKED BY:                                                  | APPROVED BY:    |
| <b>SD-19216-008</b> | <b>ETHRODAHL</b>                                          | <b>JMACNEIL</b>                                              | <b>JMACNEIL</b> |

## Assembly Instructions for Wire Tap Splices

| Engineering P/N | Wire Range |
|-----------------|------------|
| WT-2218         | 22-18 AWG  |
| WT-1814         | 18-14 AWG  |
| WT-12           | 12 AWG     |

For use with only stranded copper wire and copper alloy tabs 600V, 105°C



**Fig.1**

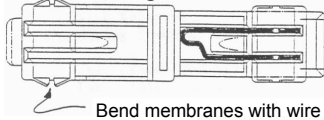
For 22-16 AWG wires, refer to Fig. 1

1. Insert the correct size wire properly into the connector.
2. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages.

For 14-12 AWG wires, refer to Fig. 2, 3, and 1.

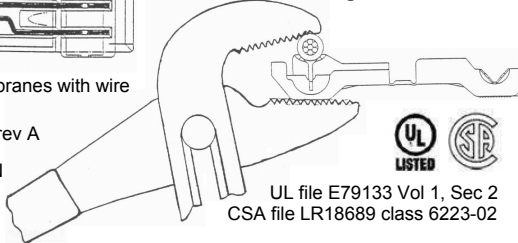
1. Bend the wire support membranes outward with wire (Fig.2)
2. Place the correct size wire into the nest of the metal and gently squeeze the wire into position with tongue-and-groove pliers without distorting (flattening) the wire insulation (Fig.3).
3. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages (Fig.1).

**Fig. 2**



Bend membranes with wire

**Fig. 3**



Lit p/n 192160127, rev A

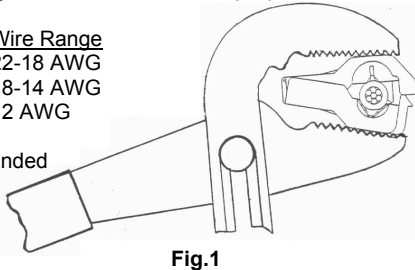
4650 62nd Avenue N  
Pinellas Park, FL  
33781

UL file E79133 Vol 1, Sec 2  
CSA file LR18689 class 6223-02

## Assembly Instructions for Wire Tap Splices

| Engineering P/N | Wire Range |
|-----------------|------------|
| WT-2218         | 22-18 AWG  |
| WT-1814         | 18-14 AWG  |
| WT-12           | 12 AWG     |

For use with only stranded copper wire and copper alloy tabs 600V, 105°C



**Fig.1**

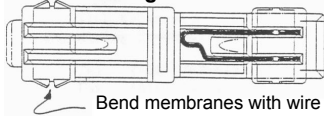
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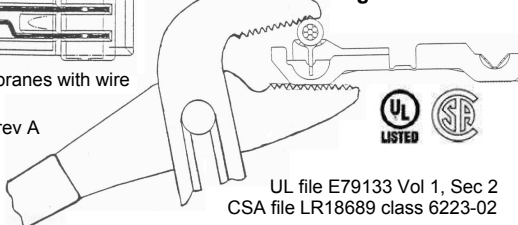
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**Fig. 2**



Bend membranes with wire

**Fig. 3**



Lit p/n 192160127, rev A

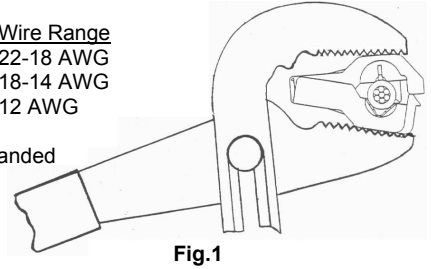
4650 62<sup>nd</sup> Avenue N  
Pinellas Park, FL  
33781

UL file E79133 Vol 1, Sec 2  
CSA file LR18689 class 6223-02

## Assembly Instructions for Wire Tap Splices

| Engineering P/N | Wire Range |
|-----------------|------------|
| WT-2218         | 22-18 AWG  |
| WT-1814         | 18-14 AWG  |
| WT-12           | 12 AWG     |

For use with only stranded copper wire and copper alloy tabs 600V, 105°C



**Fig.1**

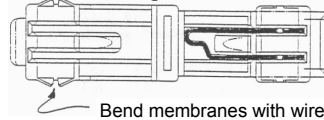
For 22-16 AWG wires, refer to Fig. 1

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2. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages.

For 14-12 AWG wires, refer to Fig. 2, 3, and 1.

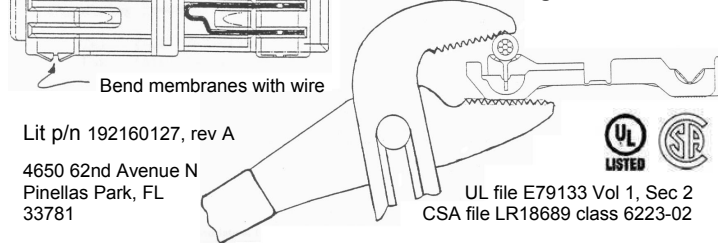
1. Bend the wire support membranes outward with wire (Fig.2)
2. Place the correct size wire into the nest of the metal and gently squeeze the wire into position with tongue-and-groove pliers without distorting (flattening) the wire insulation (Fig.3).
3. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages (Fig.1).

**Fig. 2**



Bend membranes with wire

**Fig. 3**



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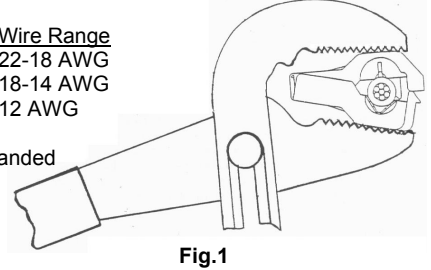
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## Assembly Instructions for Wire Tap Splices

| Engineering P/N | Wire Range |
|-----------------|------------|
| WT-2218         | 22-18 AWG  |
| WT-1814         | 18-14 AWG  |
| WT-12           | 12 AWG     |

For use with only stranded copper wire and copper alloy tabs 600V, 105°C



**Fig.1**

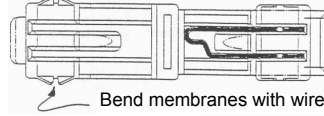
For 22-16 AWG wires, refer to Fig. 1

1. Insert the correct size wire properly into the connector.
2. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages.

For 14-12 AWG wires, refer to Fig. 2, 3, and 1.

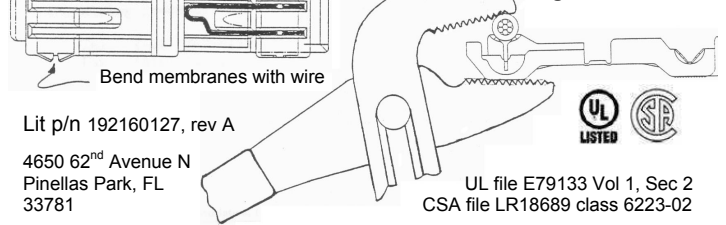
1. Bend the wire support membranes outward with wire (Fig.2)
2. Place the correct size wire into the nest of the metal and gently squeeze the wire into position with tongue-and-groove pliers without distorting (flattening) the wire insulation (Fig.3).
3. Position the connector into the tongue-and-groove pliers as shown and carefully squeeze until the latch engages (Fig.1).

**Fig. 2**



Bend membranes with wire

**Fig. 3**



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Мы предлагаем:

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

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- 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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