

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0190170008](#)  
**Status:** **Active**  
**Description:** InsulKrimp™ Quick Disconnect, Female, for 18-22 (0.80-0.35) Wire, Box, Tab 4.75mm (.187") x 0.81mm (.032")

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-19902-008 \(PDF\)](#)

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR18689 |
| UL  | E79133  |

**General**

|                         |                       |
|-------------------------|-----------------------|
| Product Family          | Quick Disconnects     |
| Series                  | <a href="#">19017</a> |
| Crimp Quality Equipment | Yes                   |
| Product Name            | InsulKrimp™           |
| Type                    | Quick Disconnect      |

**Physical**

|                               |                     |
|-------------------------------|---------------------|
| Barrel Type                   | Closed              |
| Color - Resin                 | Natural             |
| Flammability                  | 94V-2               |
| Gender                        | Female              |
| Glow-Wire Compliant           | No                  |
| Insulation                    | PVC                 |
| Lock to Mating Part           | None                |
| Material - Metal              | Brass               |
| Material - Resin              | PVC                 |
| Orientation                   | Straight            |
| Packaging Type                | Bag                 |
| Polarized to Mating Part      | No                  |
| Tab Thickness                 | 0.81mm (.032")      |
| Tab Width                     | 4.75mm (.187")      |
| Temperature Range - Operating | -50°C to +105°C     |
| Wire Insulation Diameter      | 3.40mm (.134") max. |
| Wire Size AWG                 | 18, 20, 22          |
| Wire Size mm²                 | 0.35 - 0.80         |

**Electrical**

|                   |      |
|-------------------|------|
| Voltage - Maximum | 600V |
|-------------------|------|

**Material Info**

|                 |             |
|-----------------|-------------|
| Old Part Number | AA-2137-032 |
|-----------------|-------------|

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-19902-008 |
| Sales Drawing         | CD2901       |

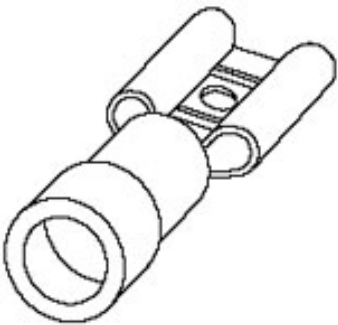


image - Reference only

Series

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**

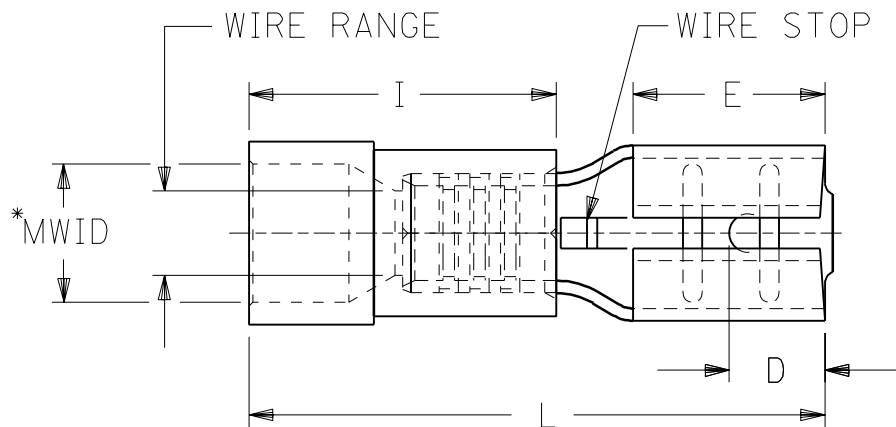
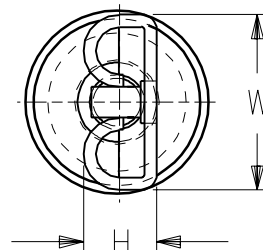
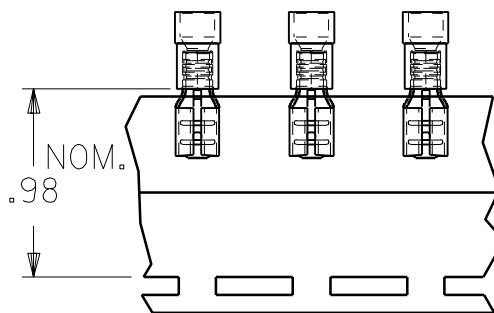


**Need more information on product environmental compliance?**  
  
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)  
  
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[19017Series](#)

| Application Tooling   <a href="#">FAQ</a>                                                                                                                                       |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document. |                            |
| Global                                                                                                                                                                          |                            |
| Description                                                                                                                                                                     | Product #                  |
| Hand Crimp Tool                                                                                                                                                                 | <a href="#">0640010200</a> |
| Hand Crimp Tool                                                                                                                                                                 | <a href="#">0640011700</a> |
| Crimp Head for the AT-200™ Pneumatic Hand Tool                                                                                                                                  | <a href="#">0640050200</a> |

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PARTS ON TAPE

PART NUMBERS ARE FOR LOOSE  
PIECE ,TO ORDER PARTS ON TAPE  
ADD A "T" TO END OF PART NUMBER.

MATERIAL: BRASS

FINISH: ELECTRO-TIN PLATING

INSULATION: PVC

\* MWID=MAXIMUM WIRE INSULATION DIAMETER

| PART<br>NUMBER | INS.<br>COLOR | WIRE RANGE<br>AWG | MM <sup>2</sup> | FITS MALE<br>TAB SIZE | STOCK<br>THICK. | "L"<br>MAX. | "I"<br>MAX. | "W"<br>MAX. | "D"<br>±.01 | "H"<br>±.01 | "E"<br>NOM. | MWID |
|----------------|---------------|-------------------|-----------------|-----------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|------|
| AA-2140        | RED           | 22-18             | 0.25-1.3        | .250x.032             | .016            | .88         | .41         | .30         | .156        | .103        | .31         | .13  |
| BB-2141        | BLUE          | 16-14             | 1.0-2.6         | .250x.032             | .016            | .88         | .41         | .30         | .156        | .103        | .31         | .14  |
| P-2142         | YELLOW        | 14-12             | 1.65-4.2        | .250x.032             | .016            | .88         | .41         | .30         | .156        | .103        | .31         | .17  |
| C-2143         | YELLOW        | 12-10             | 2.6-6.6         | .250x.032             | .018            | 1.00        | .56         | .30         | .156        | .110        | .31         | .22  |
| AA-2190-032    | RED           | 22-18             | 0.25-1.3        | .205x.032             | .016            | .78         | .41         | .251        | .125        | .103        | .25         | .13  |
| BB-2191-032    | BLUE          | 16-14             | 1.0-2.6         | .205x.032             | .016            | .78         | .41         | .251        | .125        | .103        | .25         | .14  |
| AA-2190        | RED           | 22-18             | 0.25-1.3        | .205x.020             | .016            | .78         | .41         | .251        | .125        | .086        | .25         | .13  |
| BB-2191        | BLUE          | 16-14             | 1.0-2.6         | .205x.020             | .016            | .78         | .41         | .251        | .125        | .086        | .25         | .14  |
| AA-2137-032    | RED           | 22-18             | 0.25-1.3        | .187x.032             | .016            | .78         | .41         | .24         | .125        | .103        | .25         | .13  |
| BB-2138-032    | BLUE          | 16-14             | 1.0-2.6         | .187x.032             | .016            | .78         | .41         | .24         | .125        | .103        | .25         | .14  |
| P-2139-032     | YELLOW        | 14-12             | 1.65-4.2        | .187x.032             | .016            | .78         | .41         | .24         | .125        | .103        | .25         | .17  |
| AA-2137        | RED           | 22-18             | 0.25-1.3        | .187x.020             | .016            | .78         | .41         | .24         | .125        | .086        | .25         | .13  |
| BB-2138        | BLUE          | 16-14             | 1.0-2.6         | .187x.020             | .016            | .78         | .41         | .24         | .125        | .086        | .25         | .14  |
| P-2136         | YELLOW        | 14-12             | 1.65-4.2        | .187x.020             | .016            | .78         | .41         | .24         | .125        | .086        | .25         | .17  |

ECN-P50112  
95/06/09 EMF  
ADDED .205 P/W'S

LTR REVISIONS

REVISE ONLY ON CAD SYSTEM

TITLE

INSULKRIMP  
QUICK DISCONNECT

CUSTOMER  
DRAWING

DRWG.  
BY RCM

CHK'D.  
BY

APP'D.  
BY

SCALE NO:NE

molex ETC INC.

PINELLAS PARK, FLA. 34665 U.S.A.

SHEET NO.

DATE

11/26/90

PART NO.  
SEE TABLE

DRWG. NO.

CD-2901

FILE NAME  
CD2901

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO  
MOLEX-ETC INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

DIV.

SIZE  
A