

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0190170007](#)  
**Status:** **Active**  
**Description:** InsulKrimp™ Quick Disconnect, Female, for 18-22 (0.80-0.35) Wire, Box, Tab 4.75mm (.187") x 0.51mm (.020")

**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 [19017](#)  
Crimp Quality Equipment Yes  
MolexKits 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 0.51mm (.020")  
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

**Reference - Drawing Numbers**

Product Specification PS-19902-008  
Sales Drawing CD2901

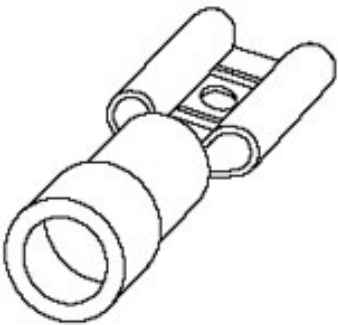


image - Reference only

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?**

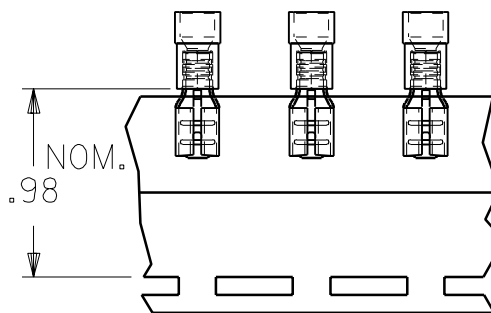
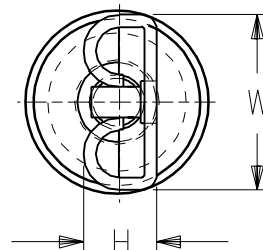
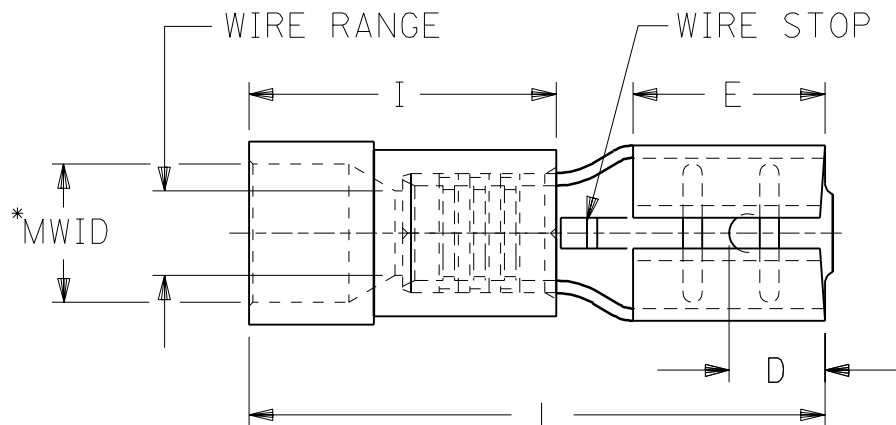
Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

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

**Application Tooling | FAQ**  
*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> |



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=MAXINUM 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