

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0190190038**  
**Status:** **Active**  
**Overview:** Standard Quick-Disconnect Terminals  
**Description:** Avikrimp Quick Disconnect, Female, for 10-12 (5.00-3.30mm<sup>2</sup>) Wire, Mylar Tape, Tab 6.35 x 0.81mm

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Product Specification PS-19902-014-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Product Specification PS-19902-015-001 (PDF)</a> |
| <a href="#">3D Model</a>                                     | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">Product Specification PS-19902-011-001 (PDF)</a> |  |



**Agency Certification**

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

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Quick Disconnects                          |
| Series                  | <u>19019</u>                               |
| Crimp Quality Equipment | Yes  |
| Insulated               | Partial                                    |
| Overview                | <u>Standard Quick-Disconnect Terminals</u> |
| Product Name            | Avikrimp                                   |
| Type                    | Quick Disconnect                           |
| UPC                     | 800753038356                               |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Barrel Type                    | Closed                |
| Color - Resin                  | Yellow                |
| Flammability                   | 94V-2                 |
| Gender                         | Female                |
| Glow-Wire Capable              | No                    |
| Insulation                     | Nylon (PA)            |
| Lock to Mating Part            | None                  |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Tin                   |
| Material - Plating Termination | Tin                   |
| Net Weight                     | 1.671/g               |
| Orientation                    | Straight              |
| Packaging Type                 | Adhesive Tape on Reel |
| Polarized to Mating Part       | No                    |
| Tab Thickness                  | 0.81mm                |
| Tab Width                      | 6.35mm                |
| Temperature Range - Operating  | -65° to +105°C        |
| Wire Insulation Diameter       | 5.70mm max.           |
| Wire Size AWG                  | 10, 12                |

**Electrical**

|                   |      |
|-------------------|------|
| Voltage - Maximum | 300V |
|-------------------|------|

**Solder Process Data**

|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**

|                    |         |
|--------------------|---------|
| Engineering Number | C-8143T |
|--------------------|---------|

**Reference - Drawing Numbers**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

19019 Series

**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 #        |
|--|------------------|
| ATP Crimp Dies for the Tape Crimp Module and ATP-101 & 301 Press | <u>192880195</u> |
| Mini-Mac Applicator  | <u>638853200</u> |

Product Specification

Sales Drawing

PS-19902-011-001, PS-19902-014-001,  
PS-19902-015-001  
SD-19019-001-001

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