



**Part Number :** [190190048](#)  
**Product Description :** Avikrimp Quick Disconnect, Female, for 12-14 (3.30-2.00mm<sup>2</sup>) Wire, Box, Tab 4.75 x 0.51mm  
**Series Number :** 19019  
**Status :** Active  
**Product Category :** Quick Disconnects  
**Engineering Number :** P-8139



## Documents & Resources

**Drawings**  
[190190048\\_sd.pdf](#)

**3D Models and Design Files**  
[190190048\\_stp.zip](#)

**Specifications**  
[PS-19902-011-001.pdf](#)  
[PS-19902-013-001.pdf](#)  
[PS-19902-014-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 2024)                                        |
| EU RoHS            | Compliant per EU 2015/863                                                             |

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC

- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|              |                                                                                                       |
|--------------|-------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                |
| Category     | Quick Disconnects                                                                                     |
| Series       | 19019                                                                                                 |
| Description  | Avikrimp Quick Disconnect, Female, for 12-14 (3.30-2.00mm <sup>2</sup> ) Wire, Box, Tab 4.75 x 0.51mm |
| Product Name | Avikrimp                                                                                              |
| Type         | Quick Disconnect                                                                                      |
| UPC          | 800753038509                                                                                          |

#### Agency

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

#### Electrical

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

#### Physical

|                   |            |
|-------------------|------------|
| Barrel Type       | Closed     |
| Color - Resin     | Yellow     |
| Flammability      | 94V-2      |
| Gender            | Female     |
| Glow-Wire Capable | No         |
| Insulated         | Partial    |
| Insulation        | Nylon (PA) |

|                                |                |
|--------------------------------|----------------|
| Lock to Mating Part            | None           |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Net Weight                     | 0.880/g        |
| Orientation                    | Straight       |
| Packaging Type                 | Bag            |
| Polarized to Mating Part       | No             |
| Tab Thickness                  | 0.51mm         |
| Tab Width                      | 4.75mm         |
| Temperature Range - Operating  | -65° to +105°C |
| Wire Insulation Diameter       | 4.30mm max.    |
| Wire Size (AWG)                | 12, 14         |

## Solder Process Data

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

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## Application Tooling

### Global

| Description                                      | Part Number      |
|--------------------------------------------------|------------------|
| Hand Crimp Tool                                  | <u>640011800</u> |
| Crimp Head for the AT-200<br>Pneumatic Hand Tool | <u>640051800</u> |