



**Part Number :** [190190031](#)  
**Product Description :** Avikrimp Quick Disconnect, Female, for 14-16 (2.00-1.30mm<sup>2</sup>) Wire, Box, Tab 6.35 x 0.81mm  
**Series Number :** 19019  
**Status :** Active  
**Product Category :** Quick Disconnects  
**Engineering Number :** BB-8141



## Documents & Resources


**Drawings**  
[190190031\\_sd.pdf](#)

**3D Models and Design Files**  
[190190031\\_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)4144-DC (27 June 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

---

### Part Details

#### General

|              |   |
|--------------|---|
| Status       | Active  |
| Category     | Quick Disconnects   |
| Series       | 19019   |
| Description  | Avikrimp Quick Disconnect, Female, for 14-16 (2.00-1.30mm <sup>2</sup> ) Wire, Box, Tab 6.35 x 0.81mm |
| Product Name | Avikrimp  |
| Type         | Quick Disconnect  |
| UPC          | 800753038226  |

#### Agency

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

#### Electrical

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

#### Physical

|                   |            |
|-------------------|------------|
| Barrel Type       | Closed     |
| Color - Resin     | Blue       |
| 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                     | 0.958/g        |
| Orientation                    | Straight       |
| Packaging Type                 | Bag            |
| Polarized to Mating Part       | No             |
| Tab Thickness                  | 0.81mm         |
| Tab Width                      | 6.35mm         |
| Temperature Range - Operating  | -65° to +105°C |
| Wire Insulation Diameter       | 3.50mm max.    |
| Wire Size (AWG)                | 14, 16         |
| Wire Size mm <sup>2</sup>      | 1.30-2.00      |

Solder Process Data

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

Application Tooling

Global

| Description   | Part Number      |
|---|------------------|
| PremiumGrade Hand Crimp Tool for Insulkrimp Quick Disconnect Terminals, 22-10 AWG | <u>640010200</u> |
| Crimp Head for the AT-200 Pneumatic Hand Tool                                     | <u>640050200</u> |
| ServiceGrade Hand Crimp Tool - Ratchet  | <u>640160037</u> |