



**Part Number :** [190190030](#)  
**Product Description :** Avikrimp Quick Disconnect,  
Female, for 14-16 (2.00-1.30mm<sup>2</sup>) Wire, Mylar Tape,  
Tab 4.75 x 0.51mm  
**Series Number :** 19019  
**Status :** Active  
**Product Category :** Quick Disconnects  
**Engineering Part Number :** BB-8138T

## Documents and Resources

### Drawings

[190190030 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[PS-19902-014-001.pdf](#)

[PS-19902-015-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                            |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                          |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026)                                                          |
| EU RoHS            | Compliant per EU 2015/863                                                                               |

### [Compliance Statements](#)

- EU RoHS

- REACH SVHC
- Low-Halogen

#### Industry Documents

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

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## 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, Mylar Tape, Tab 4.75 x 0.51mm |
| Product Name | Avikrimp                                                                                                     |
| Type         | Standard Quick Disconnect                                                                                    |
| UPC          | 800753038202                                                                                                 |

### 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            | No                    |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Tin                   |
| Material - Plating Termination | Tin                   |
| Net Weight                     | 0.799/g               |
| Orientation                    | Straight              |
| Packaging Type                 | Adhesive Tape on Reel |
| Plating min - Mating           | 2.540µm               |
| Plating min - Termination      | 2.540µm               |
| Polarized to Mating Part       | No                    |
| Tab Thickness                  | 0.51mm                |
| Tab Width                      | 4.75mm                |
| 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 |
|------------------------------|-----|

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## Application Tooling

### Global

| Description                                                      | Part Number                      |
|------------------------------------------------------------------|----------------------------------|
| ATP Crimp Dies for the Tape Crimp Module and ATP-101 & 301 Press | <u><a href="#">192880145</a></u> |
| Mini-Mac Applicator                                              | <u><a href="#">638850900</a></u> |