



**Part Number :** [190020009](#)  
**Product Description :** Avikrimp Fully Insulated Quick Disconnect, Female, for 18-22 AWG Wire, Box  
**Series Number :** 19002  
**Status :** Active  
**Product Category :** Quick Disconnects  
**Engineering Number :** AA-5271



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## Documents & Resources

### Drawings

[Drawing 190020009\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 190020009\\_stp.zip](#)

### Specifications

[Product Specification PS-19902-011-001.pdf](#)

[Product Specification PS-19902-013-001.pdf](#)

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

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## 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(2023)3788-DC (14 Jun 2023)                                        |
| 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         | 19002                                                                      |
| Description    | Avikrimp Fully Insulated Quick Disconnect, Female, for 18-22 AWG Wire, Box |
| Product Family | Standard Quick-Disconnect Terminals                                        |
| Product Name   | Avikrimp                                                                   |
| Type           | Quick Disconnect                                                           |
| UPC            | 800753027022                                                               |

#### Agency

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

#### Electrical

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

#### Physical

|                   |        |
|-------------------|--------|
| Barrel Type       | Closed |
| Color - Resin     | Red    |
| Flammability      | 94V-2  |
| Gender            | Female |
| Glow-Wire Capable | No     |

|                                |                |
|--------------------------------|----------------|
| Insulated                      | Fully          |
| Insulation                     | Nylon (PA)     |
| Lock to Mating Part            | None           |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Net Weight                     | 0.842/g        |
| Orientation                    | Straight       |
| Packaging Type                 | Bag            |
| Polarized to Mating Part       | No             |
| Tab Thickness                  | 0.81mm         |
| Tab Width                      | 4.75mm         |
| Temperature Range - Operating  | -65° to +105°C |
| Wire Insulation Diameter       | 3.17mm max.    |
| Wire Size (AWG)                | 18, 20, 22     |

## Solder Process Data

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

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## Application Tooling

### Global

| Description                                                                                                                                                    | Part Number       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| PremiumGrade Hand Crimp Tool for Avikrimp Female Full Insulated Quick Disconnect Terminals, for 18-22 AWG with Insulation Diameter no greater than 3.175mm MAX | <u>0640010800</u> |
| Crimp Head for the AT-200 Pneumatic Hand Tool                                                                                                                  | <u>0640050800</u> |