



Part Number : [190190001](#)
Product Description : Avikrimp Quick Disconnect, Female, for 18-22 (0.80-0.35mm²) Wire, Box, Tab 2.79 x 0.51mm
Series Number : 19019
Status : Active
Product Category : Quick Disconnects
Engineering Number : AA-8131



Documents & Resources

Drawings

[190190001_sd.pdf](#)

3D Models and Design Files

[190190001_stp.zip](#)

Specifications


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

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

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

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44 |
| 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 18-22 (0.80-0.35mm ²) Wire, Box, Tab 2.79 x 0.51mm |
| Product Name | Avikrimp |
| Type | Quick Disconnect |
| UPC | 800753037779 |

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 | Partial |
| Insulation | Nylon (PA) |

| | |
|--------------------------------|----------------------|
| Lock to Mating Part | None |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.544/g |
| Orientation | Straight |
| Packaging Type | Bag |
| Plating min - Mating | 4.064µm |
| Plating min - Termination | 4.064µm |
| Polarized to Mating Part | No |
| Tab Thickness | 0.51mm |
| Tab Width | 2.79mm |
| Temperature Range - Operating | -65° to +105°C |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 2.90mm max. |
| Wire Size (AWG) | 18, 20, 22 |

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> |