



**Part Number :** [190180002](#)  
**Product Description :** VibraKrimp Quick Disconnect,  
Female, for 18-22 (0.80-0.35mm<sup>2</sup>) Wire, Box, Tab 4.75  
x 0.81mm, Carton  
**Series Number :** 19018  
**Status :** Active  
**Product Category :** Quick Disconnects  
**Engineering Part Number :** AA-4173-032



## Documents and Resources

### Drawings

[190180002\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)


### Specifications

[PS-19902-005-001.pdf](#)

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

## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44   |
| 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)6375-DC (05 Nov 2025)  |
| 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

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## Part Details

### General

|              |   |
|--------------|---|
| Status       | Active  |
| Category     | Quick Disconnects   |
| Series       | 19018   |
| Description  | VibraKrimp Quick Disconnect, Female, for 18-22 (0.80-0.35mm <sup>2</sup> ) Wire, Box, Tab 4.75 x 0.81mm, Carton |
| Comments     | Butted Seam   |
| Product Name | VibraKrimp  |
| Type         | Standard Quick Disconnect   |
| UPC          | 800755048100  |

### Agency

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

### Electrical

|                   |                        |
|-------------------|------------------------|
| Voltage - Maximum | Per Wire Specification |
|-------------------|------------------------|

### Physical

|             |        |
|-------------|--------|
| Barrel Type | Closed |
| Gender      | Female |

|                                |                        |
|--------------------------------|------------------------|
| Glow-Wire Capable              | No                     |
| Insulated                      | No                     |
| Insulation                     | None                   |
| Lock to Mating Part            | None                   |
| Material - Metal               | Brass                  |
| Material - Plating Mating      | Tin                    |
| Material - Plating Termination | Tin                    |
| Net Weight                     | 0.540/g                |
| Orientation                    | Straight               |
| Packaging Type                 | Carton                 |
| Plating min - Mating           | 2.540µm                |
| Plating min - Termination      | 2.540µm                |
| Polarized to Mating Part       | No                     |
| Tab Thickness                  | 0.81mm                 |
| Tab Width                      | 4.75mm                 |
| Temperature Range - Operating  | Per Wire Specification |
| Wire Insulation Diameter       | 1.50-3.20mm 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      |
|--|------------------|
| ATP Crimp Dies for the Tape Crimp Module and ATP-101 & 301 Press | <u>190270046</u> |
| Hand Crimp Tool  | <u>640037200</u> |
| Crimp Head for the AT-200 Pneumatic Hand Tool                    | <u>640077200</u> |