



**Part Number :** [190030050](#)  
**Product Description :** InsulKrimp Quick Disconnect, Female, for 14-16 (2.00-1.30mm<sup>2</sup>), Bag, Tab 4.75 x 0.51mm, Blue  
**Series Number :** 19003  
**Status :** Active  
**Product Category :** Quick Disconnects  
**Engineering Number :** BB-2207



## Documents & Resources

**Drawings**  
[190030050\\_sd.pdf](#)

**3D Models and Design Files**  
[190030050\\_stp.zip](#)

**Specifications**  
[PS-19902-008-001.pdf](#)  
[PS-19902-011-001.pdf](#)  
[PS-19902-013-001.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)6225-DC (07 Nov 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

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### Part Details

#### General

|              |                                                                                                          |
|--------------|----------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                   |
| Category     | Quick Disconnects                                                                                        |
| Series       | 19003                                                                                                    |
| Description  | InsulKrimp Quick Disconnect, Female, for 14-16 (2.00-1.30mm <sup>2</sup> ), Bag, Tab 4.75 x 0.51mm, Blue |
| Comments     | Funnel Entry                                                                                             |
| Product Name | InsulKrimp                                                                                               |
| Type         | Quick Disconnect                                                                                         |
| UPC          | 800753029217                                                                                             |

#### Agency

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

#### Electrical

|                   |      |
|-------------------|------|
| Voltage - Maximum | 600V |
|-------------------|------|

#### Physical

|                   |        |
|-------------------|--------|
| Barrel Type       | Closed |
| Color - Resin     | Blue   |
| 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                  |
| Material - Resin               | Nylon                |
| Net Weight                     | 0.800/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                      | 4.75mm               |
| Temperature Range - Operating  | -65° to +105°C       |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 4.06mm max.          |
| Wire Size (AWG)                | 14, 16               |
| Wire Size mm²                  | 1.30-2.00            |

## Solder Process Data

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

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## Application Tooling

### Global

| Description                                                                       | Part Number      |
|-----------------------------------------------------------------------------------|------------------|
| PremiumGrade Hand Crimp Tool for Insulkrimp Quick Disconnect Terminals, 22-10 AWG | <u>640010400</u> |
| Crimp Head for the AT-200 Pneumatic Hand Tool                                     | <u>640050400</u> |