



**Part Number :** [190050001](#)  
**Product Description :** InsulKrimp Fully Insulated  
Coupler, Female, for 22-18 AWG Wire, Box, Carton  
**Series Number :** 19005  
**Status :** Active  
**Product Category :** Quick Disconnects  
**Engineering Part Number :** AA-2261



## Documents & Resources

### Drawings

[190050001\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[PS-19902-008-001.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)4165-DC (25 June 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       | 19005                                                                       |
| Description  | InsulKrimp Fully Insulated Coupler, Female, for 22-18 AWG Wire, Box, Carton |
| Product Name | InsulKrimp                                                                  |
| Type         | Standard Quick Disconnect                                                   |
| UPC          | 800753030411                                                                |

### Agency

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

### Electrical

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

### 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            |
| Material - Resin               | Nylon          |
| Net Weight                     | 1.000/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                      | 6.35mm         |
| Temperature Range - Operating  | -65° to +105°C |
| Wire Insulation Diameter       | 4.19mm max.    |
| Wire Size (AWG)                | 18, 20, 22     |

### Solder Process Data

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

### Mates With / Use With

#### Use with Part(s)

| Description                                                               | Part Number      |
|---------------------------------------------------------------------------|------------------|
| InsulKrimp Fully Insulated Coupler, Male, for 22-18 AWG Wire, Box, Carton | <u>190040001</u> |
| InsulKrimp Fully Insulated Coupler, Male, for 22-18 AWG Wire, Mylar Tape  | <u>190040004</u> |

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### Application Tooling

Global

| Description                                                                     | Part Number      |
|---------------------------------------------------------------------------------|------------------|
| PremiumGrade Hand Crimp Tool<br>for Industrial Terminals 22-14 AWG<br>(see ATS) | <u>640014700</u> |
| Crimp Head for the AT-200<br>Pneumatic Hand Tool                                | <u>640054700</u> |