# molex

**Part Number :** 190030129
**Product Description :** InsulKrimp Quick Disconnect, Female, Box, Tab 4.75 x 0.81mm
**Series Number :** 19003
**Status :** Active
**Product Category :** Quick Disconnects
**Engineering Number :** AA-2203V

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## Documents & Resources

### Drawings
190030129_sd.pdf

### 3D Models and Design Files
190030129_stp.zip

### Specifications
PS-19902-008-001.pdf
PS-19902-011-001.pdf
PS-19902-013-001.pdf

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## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | (e) |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not 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 | 19003 |
| Description | InsulKrimp Quick Disconnect, Female, Box, Tab 4.75 x 0.81mm |
| Comments | Funnel Entry |
| Product Name | InsulKrimp |
| Type | Quick Disconnect |
| UPC | 800756386768 |

### Agency

| UL | E79133 |
|---|---|

### Electrical

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

### Physical

| Barrel Type | Closed |
|---|---|
| Color - Resin | Red |
| Flammability | 94V-0 |
| 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 | 0.726/g |
| Orientation | Straight |
| Packaging Type | Bag |
| Plating min - Mating | 4.064µm |
| Plating min - Termination | 4.064µm |
| Polarized to Mating Part | No |
| Tab Thickness | 0.81mm |
| Tab Width | 4.75mm |
| Temperature Range - Operating | -65° to +105°C |
| Termination Interface Style | Crimp or Compression |
| 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 | 640010400 |
| Crimp Head for the AT-200 Pneumatic Hand Tool | 640050400 |

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