

Part Number : 190040001

Product Description : InsulKrimp Fully Insulated Coupler, Male, for 18-22 AWG Wire, Box

Series Number : 19004

Status : Active

Product Category : Quick Disconnects

Engineering Number : AA-2260



Documents & Resources

Drawings

[Drawing 190040001_sd.pdf](#)

3D Models and Design Files

[3D Model 190040001_stp.zip](#)

Specifications

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

[Product Specification PS-19902-008-001.pdf](#)

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

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)3788-DC (14 Jun 2023) |
| 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 | 19004 |
| Description | InsulKrimp Fully Insulated Coupler, Male, for 18-22 AWG Wire, Box |
| Product Family | Standard Quick-Disconnect Terminals |
| Product Name | InsulKrimp |
| Type | Quick Disconnect |
| UPC | 800753030008 |

Agency

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

Electrical

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

Physical

| | |
|-------------------|--------|
| Barrel Type | Closed |
| Color - Resin | Red |
| Flammability | 94V-0 |
| Gender | Male |
| Glow-Wire Capable | No |
| Insulated | Fully |

| | |
|--------------------------------|----------------|
| Insulation | Nylon (PA) |
| Lock to Mating Part | None |
| Material - Metal | Brass |
| Material - Plating Mating | Zinc Chromate |
| Material - Plating Termination | Zinc Chromate |
| Material - Resin | Nylon |
| Net Weight | 1.167/g |
| Orientation | Straight |
| Packaging Type | Bag |
| Plating min - Mating | 5.080µm |
| Plating min - Termination | 5.080µm |
| Polarized to Mating Part | No |
| Tab Thickness | 0.81mm |
| Tab Width | 6.35mm |
| Temperature Range - Operating | -65° to +105°C |
| Wire Insulation Diameter | 3.68mm max. |
| Wire Size (AWG) | 18, 20, 22 |

Solder Process Data

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

Use with Part(s)

| Description | Part Number |
|---|---|
| InsulKrimp Fully Insulated Coupler, Female, for 18-22 AWG Wire, Box | /content/molex/molex-dot-com/us/en/products/product-page.html/190050001.html |
| InsulKrimp Fully Insulated Coupler, Female, for 18-22 AWG Wire, Continuous Molded Strip | /content/molex/molex-dot-com/us/en/products/product-page.html/190050003.html |
| InsulKrimp Fully Insulated Coupler, Female, for 18-22 AWG Wire, Mylar Tape | /content/molex/molex-dot-com/us/en/products/product-page.html/190050004.html |

Application Tooling

Global

| Description | Part Number |
|-------------|-------------|
|-------------|-------------|

| | |
|---|-------------------|
| PremiumGrade Hand Crimp Tool for Industrial Terminals 14-22 AWG (see ATS) | <u>0640014700</u> |
| Crimp Head for the AT-200 Pneumatic Hand Tool | <u>0640054700</u> |

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