



Part Number : 190250007

Series Number : 19025

Product Category : Quick Disconnects

Product Description : Avikrimp Quick Disconnect, Male, for 14-16 AWG (2.00-1.30mm²) Wire, 6.35 x 0.81mm Tab, Bag

Status : Active

Engineering Number : MCT-5

Documents & Resources


Drawings
Drawing 190250007_sd.pdf

3D Models and Design Files
3D Model 190250007_stp.zip

Specifications
Product Specification PS-19902-014-001.pdf
Product Specification PS-19902-013-001.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)8585-DC (23 Jan 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 | 19025 |
| Description | Avikrimp Quick Disconnect, Male, for 14-16 AWG (2.00-1.30mm ²) Wire, 6.35 x 0.81mm Tab, Bag |
| Comments | Funnel Ferrule Entry |
| Product Family | Standard Quick-Disconnect Terminals |
| Product Name | Avikrimp |
| Type | Quick Disconnect |
| UPC | 800753040496 |

Agency

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

Electrical

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

Physical

| | |
|---------------------|------------|
| Barrel Type | Closed |
| Color - Resin | Blue |
| Flammability | 94V-2 |
| Gender | Male |
| Glow-Wire Capable | No |
| Insulated | Partial |
| 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 | 1.310/g |
| Orientation | Straight |
| Packaging Type | Bag |
| Polarized to Mating Part | No |
| Tab Thickness | 0.81mm |
| Tab Width | 6.35mm |
| Temperature Range - Operating | -65° to +105°C |
| Wire Insulation Diameter | 4.30mm max. |
| Wire Size (AWG) | 14, 16 |
| Wire Size mm ² | 1.30-2.00 |

Solder Process Data

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

Application Tooling

Global

| Description | Part Number |
|--|------------------|
| PremiumGrade Hand Crimp Tool for Avikrimp and Insulkrimp Terminals and Splices, 10-22 AWG and 6.0-0.5mm ² (Rings, Spades, Hooks, Block Spades and Flanged Spades) | <u>640010100</u> |
| Crimp Head for the AT-200 Pneumatic Hand Tool | <u>640050100</u> |
| ServiceGrade Hand Crimp Tool for Field Repair only, for production use our PremiumGrade Tool | <u>640160036</u> |

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