



Part Number : 190360003

Series Number : 19036

Product Category : Quick Disconnects

Product Description : Avikrimp Snap Plug, for 18-22 AWG Wire, Box, 22.78mm Length

Status : Active

Engineering Number : A-869

Documents & Resources

Drawings  
Drawing 190360003\_sd.pdf

3D Models and Design Files  
3D Model 190360003\_stp.zip

Specifications  
Product Specification PS-19902-011-001.pdf  
Product Specification PS-19902-013-001.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(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)

## Part Details

### General

|                |                                                             |
|----------------|-------------------------------------------------------------|
| Status         | Active                                                      |
| Category       | Quick Disconnects                                           |
| Series         | 19036                                                       |
| Description    | Avikrimp Snap Plug, for 18-22 AWG Wire, Box, 22.78mm Length |
| Comments       | Extruded Nylon Insulation                                   |
| Product Family | Snap Plugs and Receptacles                                  |
| Product Name   | Avikrimp                                                    |
| Type           | Snap Plug                                                   |
| UPC            | 800753048133                                                |

### Agency

|     |         |
|-----|---------|
| CSA | LR18689 |
| UL  | E152602 |

### Electrical

|                   |     |
|-------------------|-----|
| Voltage - Maximum | N/A |
|-------------------|-----|

### Physical

|                                |            |
|--------------------------------|------------|
| Barrel Type                    | Closed     |
| Color - Resin                  | Red        |
| Flammability                   | 94V-2      |
| Gender                         | Male       |
| Glow-Wire Capable              | No         |
| Insulated                      | Partial    |
| Insulation                     | Nylon (PA) |
| Lock to Mating Part            | None       |
| Material - Metal               | Copper     |
| Material - Plating Mating      | Tin        |
| Material - Plating Termination | Tin        |
| Net Weight                     | 1.322/g    |

|                          |             |
|--------------------------|-------------|
| Orientation              | Straight    |
| Packaging Type           | Bag         |
| Tab Thickness            | N/A         |
| Tab Width                | N/A         |
| Wire Insulation Diameter | 3.60mm max. |
| 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 Avikrimp and Insulkrimp Terminals and Splices, 10-22 AWG and 6.0-0.5mm <sup>2</sup> (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> |