



Part Number : 190730017

Series Number : 19073

Product Category : Ring and Spade Terminals

Product Description : Avikrimp Ring Tongue Terminal for 18 to 22 AWG Wire, Stud Size 10 (M5), Length 22.00mm, Red, Carton

Status : Active

Engineering Number : AA-821-10

Documents & Resources

Drawings

Drawing 190730017\_sd.pdf

3D Models and Design Files

3D Model 190730017\_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(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

## Part Details

### General

|                |                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                              |
| Category       | Ring and Spade Terminals                                                                            |
| Series         | 19073                                                                                               |
| Description    | Avikrimp Ring Tongue Terminal for 18 to 22 AWG Wire, Stud Size 10 (M5), Length 22.00mm, Red, Carton |
| Comments       | Type II Insulated                                                                                   |
| Keyword        | Ring Terminal, Ring Terminals                                                                       |
| Product Family | Solderless Terminals                                                                                |
| Product Name   | Avikrimp                                                                                            |
| Type           | Ring                                                                                                |
| UPC            | 800753075078                                                                                        |

### Agency

|     |         |
|-----|---------|
| CSA | LR18689 |
| UL  | E32244  |

### Physical

|                             |                      |
|-----------------------------|----------------------|
| Barrel Type                 | Closed               |
| Color - Resin               | Red                  |
| Flammability                | 94V-2                |
| Insulation                  | Nylon (PA)           |
| Material - Plating Mating   | Tin                  |
| Net Weight                  | 0.816/g              |
| Packaging Type              | Carton               |
| Stud Size                   | 10 (M5)              |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter    | 3.56mm max.          |
| Wire Size (AWG)             | 18, 20, 22           |
| Wire Size mm <sup>2</sup>   | 0.35-0.80            |

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> |