



**Part Number :** [190730119](#)  
**Product Description :** AviKrimp Ring Tongue  
Terminal for 12-10 AWG Wire, Nylon, Stud  
Size 1/4" (M6), Yellow, Carton  
**Series Number :** 19073  
**Status :** Active  
**Product Category :** Ring and Spade Terminals  
**Engineering Number :** C-530-14



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## Documents & Resources

**Drawings**  
[190730119\\_sd.pdf](#)

**3D Models and Design Files**  
[190730119\\_stp.zip](#)

**Specifications**  
[PS-19902-011-001.pdf](#)  
[PS-19902-013-001.pdf](#)

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## 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<br>(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

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### Part Details

#### General

|                |                                                                                              |
|----------------|----------------------------------------------------------------------------------------------|
| Status         | Active                                                                                       |
| Category       | Ring and Spade Terminals                                                                     |
| Series         | 19073                                                                                        |
| Description    | AviKrimp Ring Tongue Terminal for 12-10 AWG Wire, Nylon, Stud Size 1/4" (M6), Yellow, Carton |
| Keyword        | Ring Terminal, Ring Terminals                                                                |
| Product Family | Solderless Terminals                                                                         |
| Product Name   | Avikrimp                                                                                     |
| Type           | Ring                                                                                         |
| UPC            | 800753076211                                                                                 |

#### Agency

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

#### Electrical

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

#### Physical

|                           |            |
|---------------------------|------------|
| Barrel Type               | Closed     |
| Color - Resin             | Yellow     |
| Flammability              | 94V-2      |
| Insulation                | Nylon (PA) |
| Material - Metal          | Copper     |
| Material - Plating Mating | Tin        |

|                               |                      |
|-------------------------------|----------------------|
| Net Weight                    | 2.936/g              |
| Packaging Type                | Carton               |
| Stud Size                     | 1/4" (M6)            |
| Temperature Range - Operating | 105°C                |
| Termination Interface Style   | Crimp or Compression |
| Wire Insulation Diameter      | 5.72mm max.          |
| Wire Size (AWG)               | 10, 12               |
| Wire Size mm <sup>2</sup>     | 4.00-6.00            |

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, 22-10 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> |