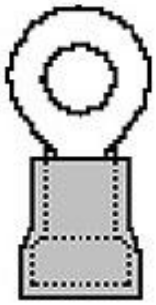
**Part Number :** 190730085
**Product Description :** Avikrimp Ring Tongue Terminal for 16-14 AWG Wire, Stud Size 8 (M4), Length 22.48mm, Blue, Carton
**Series Number :** 19073
**Status :** Active
**Product Category :** Ring and Spade Terminals
**Engineering Part Number :** BB-837-08



## Documents and Resources

### Drawings

190730085_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-19902-011-001.pdf

PS-19902-013-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS

Downloaded from Arrow.com.

- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

---

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Ring and Spade Terminals |
| Series | 19073 |
| Description | Avikrimp Ring Tongue Terminal for 16-14 AWG Wire, Stud Size 8 (M4), Length 22.48mm, Blue, Carton |
| Comments | Type II Insulated |
| Keyword | Ring Terminal, Ring Terminals |
| Product Name | Avikrimp |
| Style | Ring |
| Type | Ring Terminal, Metric Ring Terminal |
| UPC | 800753075788 |

### Agency

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

### Electrical

| | |
|---|---|
| Voltage - Maximum | 300V |

Downloaded from Arrow.com.

### Physical

| | |
|---|---|
| Barrel Type | Closed |
| Color - Resin | Blue |
| Flammability | 94V-2 |
| Insulation | Nylon (PA) |
| Material - Metal | Copper |
| Material - Plating Mating | Tin |
| Net Weight | 1.003/g |
| Packaging Type | Carton |
| Plating min - Mating | 2.540µm |
| Plating min - Termination | 2.540µm |
| Stud Size | 8 (M4) |
| Temperature Range - Operating | -10° to +105°C |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 4.32mm max. |
| Wire Size (AWG) | 14, 16 |
| Wire Size $mm^2$ | 1.00-2.50 |

### 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 6.0-0.5$mm^2$ (Rings, Spades, Hooks, Block Spades and Flanged Spades) | 640010100 |
| Crimp Head for the AT-200 Pneumatic Hand Tool | 640050100 |
| ServiceGrade Hand Crimp Tool for Field Repair only, for production use our | 640160036 |

Downloaded from Arrow.com.

| | |
|---|---|
| PremiumGrade Tool | |

This document was generated on Sep 02, 2026

Downloaded from Arrow.com.