**Part Number :** 428150114
**Product Description :** Mini-Fit Sr. Crimp Terminal, Female, 12-10 AWG, Silver (Ag)
**Series Number :** 42815
**Status :** Active
**Product Category :** Crimp Terminals



## Documents and Resources

### Drawings

428150114_sd.pdf

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-42815-001-001.pdf

TS-42815-004-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 33 |
| 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
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

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- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Crimp Terminals |
| Series | 42815 |
| Description | Mini-Fit Sr. Crimp Terminal, Female, 12-10 AWG, Silver (Ag) |
| Application | Wire-to-Board, Wire-to-Wire |
| Comments | High Current/Low Force;  See Product Specification for maximum current rating by circuit size and application. |
| Product Name | Mini-Fit Sr. |
| UPC | 889056241755 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 50.0A |

### Physical

| | |
|---|---|
| Gender | Female |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Silver |
| Material - Plating Termination | Tin |
| Net Weight | 1.750/g |
| Packaging Type | Reel |
| Plating min - Mating | 2.540µm |
| Plating min - Termination | 2.540µm |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 5.30mm max. |
| Wire Size (AWG) | 10, 12 |

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| | |
|---|---|
| Wire Size $mm^2$ | N/A |

### Solder Process Data

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

## Mates With / Use With

### Use with Part(s)

| Description | Part Number |
|---|---|
| 10.00mm Pitch Mini-Fit Sr. Single Row Receptacle Housings | 42816 |
| Mini-Fit Sr. Dual Row Receptacle Housings | 43914 |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| Hand Crimp Tool for Mini-Fit Sr. Crimp Terminals, 12-10 AWG | 2002181600 |
| FineAdjust Applicator for Insulation OD 4.40-5.30mm, 12-10 AWG | 2037022700 |
| FineAdjust Applicator for Insulation OD 3.50-4.40mm, 12-10 AWG | 2037022800 |
| Extraction Tool for Mini-Fit Sr. Terminals, 16-8 AWG | 638130400 |
| Hand Crimp Tool for 10.00mm Pitch Mini-Fit Sr. Crimp Terminals, 12-10 AWG | 2133099700 |



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