

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0428150114](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Sr. Power Connectors](#)  
**Description:** [Mini-Fit Sr. Crimp Terminal, Female, 10-12 AWG, Silver \(Ag\)](#)

**Documents:**

[Drawing \(PDF\)](#) [Test Summary TS-42815-004-001 \(PDF\)](#)  
[Product Specification PS-42815-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-42815-001-002 \(PDF\)](#)

**General**

Product Family [Crimp Terminals](#)  
Series [42815](#)  
Application [Power, Wire-to-Board, Wire-to-Wire](#)  
Comments [High Current/Low Force; See Product Specification for maximum current rating by circuit size and application.](#)  
Crimp Quality Equipment [Yes](#)  
Overview [Mini-Fit Sr. Power Connectors](#)  
Product Name [Mini-Fit Sr.](#)  
Taxonomy [Crimp Terminals](#)  
UPC [889056241755](#)

**Physical**

Gender [Female](#)  
Material - Metal [High Performance Alloy \(HPA\)](#)  
Material - Plating Mating [Silver](#)  
Material - Plating Termination [Tin](#)  
Net Weight [1.381/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](#)  
Wire Size mm<sup>2</sup> [N/A](#)

**Electrical**

Current - Maximum per Contact [50.0A](#)

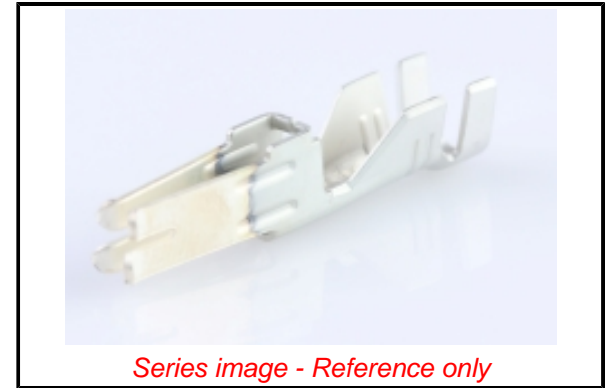
**Solder Process Data**

Lead-freeProcess Capability [N/A](#)

**Material Info**

**Reference - Drawing Numbers**

[Packaging Specification](#) [PK-42815-001-002](#)  
[Product Specification](#) [PS-42815-001-001](#)  
[Sales Drawing](#) [428150000-SD-000](#)  
[Test Summary](#) [TS-42815-004-001](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[42815 Series](#)

**Use With**

[Mini-Fit Sr. Receptacle Housing 42816](#) ,  
[43914](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Hand Crimp Tool for 10.00mm Pitch Mini-Fit Sr. Crimp Terminals, 10-12 AWG	<a href="#">2002188600</a>
FineAdjust Applicator for Insulation OD 4.40-5.30mm, 10-12 AWG	<a href="#">2037022700</a>

FineAdjust Applicator 2037022800  
for Insulation OD  
3.50-4.40mm, 10-12  
AWG  
Extraction Tool 638130400  
for Mini-Fit Sr.  
Terminals, 8-16  
AWG  
FineAdjust Applicator 639040200  
for Insulation OD  
4.30-5.00mm,  
5.00-6.00mm<sup>2</sup>

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