

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

**Part Number:** **0428150134**  
**Status:** **Active**  
**Overview:** Mini-Fit Sr. Power Connectors  
**Description:** Mini-Fit Sr. Crimp Terminal, Female, 8 AWG, Silver (Ag)

**Documents:**

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

**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 Overview	Yes
Product Name	<u>Mini-Fit Sr. Power Connectors</u>
Taxonomy	Mini-Fit Sr.
UPC	Crimp Terminals 889056241762

**Physical**

Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Silver
Material - Plating Termination	Tin
Net Weight	1.359/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	6.60mm max.
Wire Size AWG	12+12, 8
Wire Size mm²	N/A

**Electrical**

Current - Maximum per Contact	50.0A
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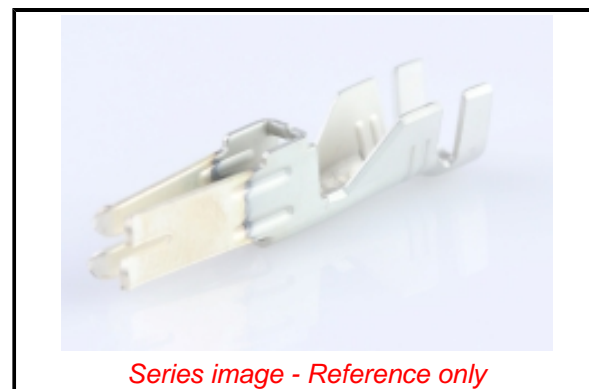
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

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, 8 AWG	<a href="#">2002188700</a>
FineAdjust Applicator for Mini-Fit Sr. Crimp Terminals, 12+12 AWG, 8 AWG	<a href="#">2037022500</a>
Extraction Tool for Mini-Fit Sr.	<a href="#">638130400</a>

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