

**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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-42815-001-002 (PDF)</a>
<a href="#">Product Specification PS-42815-001-001 (PDF)</a>	<a href="#">Test Summary TS-42815-004-001 (PDF)</a>
<a href="#">Packaging Specification PK-42815-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	<u>42815</u>
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	<u>Mini-Fit Sr. Power Connectors</u>
Product Name	Mini-Fit Sr.
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 mm²	N/A

**Electrical**

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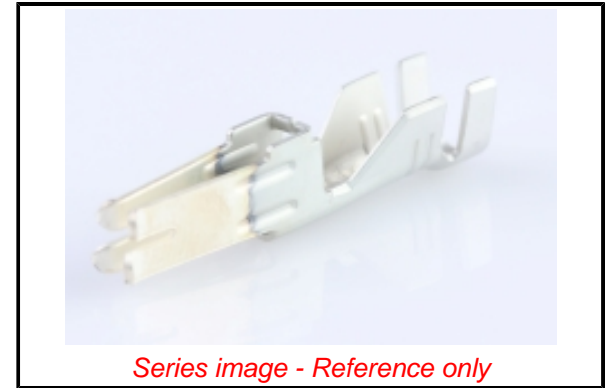
**Solder Process Data**

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

**Reference - Drawing Numbers**

Packaging Specification	PK-42815-001-001, PK-42815-001-002
Product Specification	PS-42815-001-001
Sales Drawing	428150000-SD-000
Test Summary	TS-42815-004-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**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	<u>2002188600</u>
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Extraction Tool for Mini-Fit Sr. Terminals, 8-16 AWG	<u>638130400</u>
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Mini-Mac Applicator [638911100](#)  
for Mini-Fit Sr.  
Male and Female  
Terminals for 10-12  
AWG Wire with  
Insulation Diameter  
4.40-5.30mm  
Mini-Mac Applicator [638911200](#)  
for "Mini-Fit Sr."  
Terminals  
FineAdjust Applicator [639040200](#)  
for Mini-Fit Sr. Male  
and Female Crimp  
Terminals, Metric  
Wire Crimping only

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