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**Part Number:** [0428150032](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Sr. Power Connectors](#)  
**Description:** [Mini-Fit Sr. Crimp Terminal, Female, 8 AWG, Gold \(Au\)](#)

**Documents:**

[Drawing \(PDF\)](#) [Test Summary TS-42815-001 \(PDF\)](#)  
[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<br>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.](#)  
UPC [800756101101](#)

**Physical**

Gender [Female](#)  
Material - Metal [High Performance Alloy \(HPA\)](#)  
Material - Plating Mating [Gold](#)  
Material - Plating Termination [Tin](#)  
Net Weight [1.530/g](#)  
Packaging Type [Reel](#)  
Plating min - Mating [0.762µm](#)  
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](#)

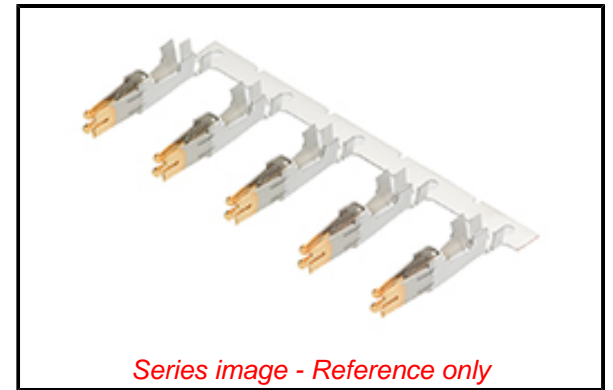
**Solder Process Data**

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-42815-001](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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 Mini-Fit Sr. Crimp Terminals, 8 AWG	<a href="#">2002181500</a>
Hand Crimp Tool for 10.00mm Pitch Mini-Fit Sr. Crimp Terminals, 8 AWG	<a href="#">2002188700</a>
Manual Extraction Tool	<a href="#">638130400</a>
Mini-Mac Applicator	<a href="#">638911000</a>

This document was generated on 07/15/2020

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