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

Documents:

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

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., 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. |
| UPC | 889056241762 |

Physical

| | |
|--------------------------------|------------------------------|
| Gender | Female |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Silver over Nickel |
| Material - Plating Termination | Tin over Nickel |
| 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 |
|-------------------------------|-------|

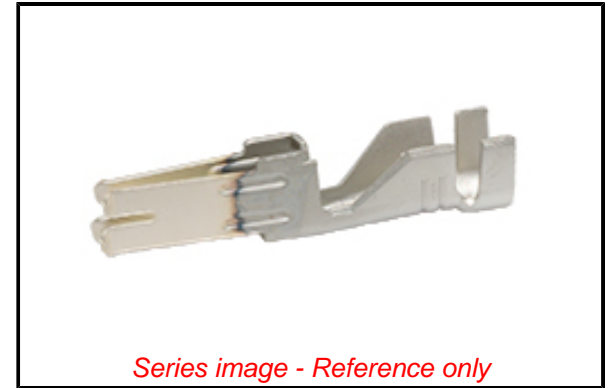
Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|------------------|
| Product Specification | PS-42815-001 |
| Sales Drawing | 428150000-SD-000 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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 | 2002181500 |
| Manual Extraction Tool | 638130400 |
| Mini-Mac Applicator | 638911000 |
| Mini-Mac Applicator for Terminals | 638919500 |

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