

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

**Part Number:** [0428171034](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Sr. Power Connectors](#)  
**Description:** [Mini-Fit Sr. Crimp Terminal, Male, 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 \(PDF\)](#)  
[Application Specification AS-42815-001 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">42817</a>
Application	Power, 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	<a href="#">Mini-Fit Sr. Power Connectors</a>
UPC	Mini-Fit Sr. 889056244756

**Physical**

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Silver
Material - Plating Termination	Tin
Net Weight	1.389/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 mm <sup>2</sup>	N/A

**Electrical**

Current - Maximum per Contact	50.0A
-------------------------------	-------

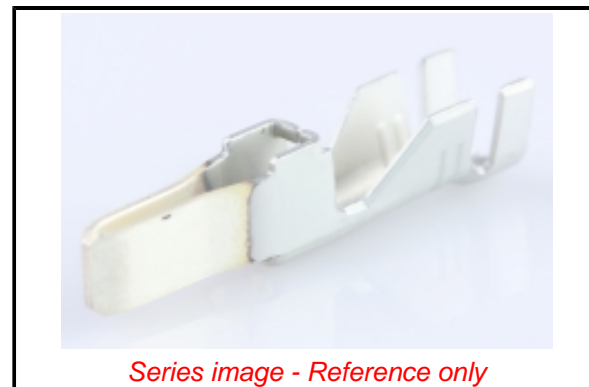
**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-42815-001
Product Specification	PS-42815-001-001
Test Summary	TS-42815-004-001



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**

[42817 Series](#)

**Use With**

Mini-Fit Sr. Plug Housings [42818](#) , [43938](#)

**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>
Manual Extraction Tool	<a href="#">638130400</a>
Mini-Mac Applicator	<a href="#">638911000</a>
Mini-Mac Applicator for Terminals	<a href="#">638919500</a>

This document was generated on 01/04/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**