

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

**Part Number:** **0428150012**  
**Status:** **Active**  
**Overview:** Mini-Fit Sr. Power Connectors  
**Description:** Mini-Fit Sr. Crimp Terminal, Female, 10-12 AWG, Gold (Au)

**Documents:**

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

**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	Yes
Overview	<a href="#">Mini-Fit Sr. Power Connectors</a>
Product Name	Mini-Fit Sr.
UPC	800756101095

**Physical**

Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	1.351/g
Packaging Type	Reel
Plating min - Mating	0.762µm
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
-------------------------------	-------

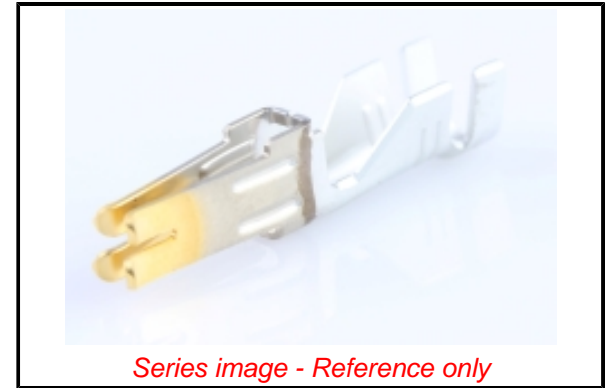
**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

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



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

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	<a href="#">2002188600</a>
FineAdjust Applicator for Mini-Fit Sr. Male and Female Crimp Terminals, 10-12 AWG Wire	<a href="#">2037022700</a>

FineAdjust Applicator [2037022800](#)  
for Mini-Fit Sr. Male  
and Female Crimp  
Terminals, 10-12  
AWG Wire  
Extraction Tool [638130400](#)  
for Mini-Fit Sr.  
Terminals, 8-16  
AWG  
Hand Crimp Tool for [638279300](#)  
Mini-Fit Sr. Male and  
Female Terminals,  
5mm<sup>2</sup> and 6mm<sup>2</sup>  
Wire  
FineAdjust Applicator [639040200](#)  
for Mini-Fit Sr. Male  
and Female Crimp  
Terminals, Metric  
Wire Crimping only  
FineAdjust Applicator [639040300](#)  
for Mini-Fit Sr. Male  
and Female Crimp  
Terminals, Metric  
Wire Crimping only

This document was generated on 09/08/2021

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)  
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)  
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)