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**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
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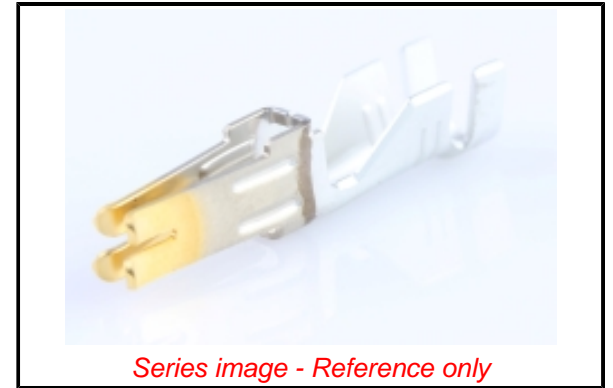
**Solder Process Data**

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, 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(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

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 08/24/2021

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