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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:**

<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	<a href="#">42815</a>
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	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 mm <sup>2</sup>	N/A

**Electrical**

Current - Maximum per Contact	50.0A
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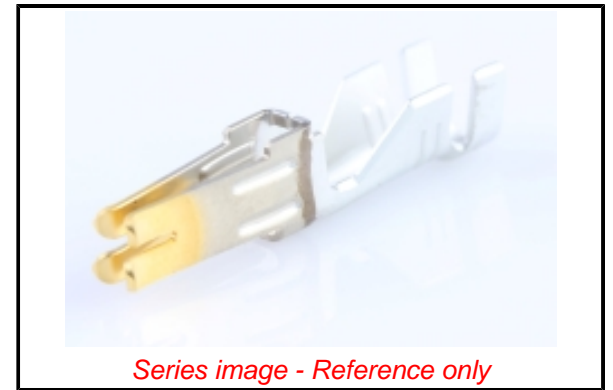
**Solder Process Data**

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**

**Not Relevant**

**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

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 10.00mm Pitch Mini-Fit Sr. Crimp Terminals, 8 AWG	<a href="#">2002188700</a>
Extraction Tool for Mini-Fit Sr. Terminals, 8-16 AWG	<a href="#">638130400</a>
Mini-Mac Applicator	<a href="#">638911000</a>

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