

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

**Part Number:** [0428150042](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Sr. Power Connectors  
**Description:** Mini-Fit Sr. Crimp Terminal, Female, 14-16 AWG, Gold (Au)

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-42815-001-002 \(PDF\)](#)  
[Product Specification PS-42815-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">42815</a>
Application	Power
Comments	High Current/Low Force See Product Specification for maximum current rating by circuit size and application.
Crimp Quality Equipment Overview	Yes
Product Name	<u>Mini-Fit Sr. Power Connectors</u>
UPC	Mini-Fit Sr. 756054457078

**Physical**

Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	1.353/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.33mm max.
Wire Size AWG	14, 16
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

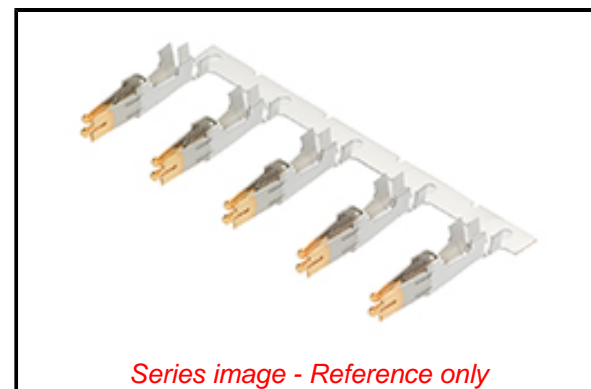
**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-42815-001-002
Product Specification	PS-42815-001
Sales Drawing	SD-42815-020-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[42815 Series](#)

**Use With**

Mini-Fit Sr. Receptacle Housing [42816](#) ,  
[43914](#)

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