

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

**Part Number:** [0428170132](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Sr. Power Connectors  
**Description:** Mini-Fit Sr.™ Crimp Terminal, Male, 8 AWG, Gold (Au)

**Documents:**

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

**General**

Product Family	Crimp Terminals
Series	<u>42817</u>
Application	Power
Comments	High Current/Low Force Grounding Pin See Product Specification for maximum current rating by circuit size and application.
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Sr. Power Connectors</u>
Product Name	Mini-Fit Sr.™
UPC	800756523323

**Physical**

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	3.216/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 mm²	N/A

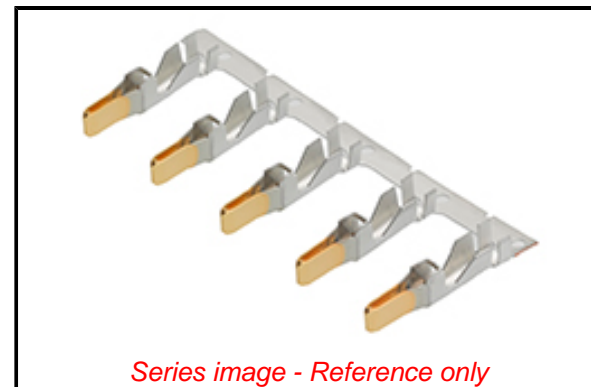
**Electrical**

Current - Maximum per Contact	50.0A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-42815-001-001
Packaging Specification	PK-42815-001-002
Product Specification	PS-42815-001
Sales Drawing	SD-42817-*
Test Summary	TS-42815-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/30/2017 (7 July 2017)

**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**

[42817 Series](#)

**Use With**

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