

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

**Part Number:** **0428170042**  
**Status:** **Active**  
**Overview:** Mini-Fit Sr. Power Connectors  
**Description:** Mini-Fit Sr. Crimp Terminal, Male, 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 \(PDF\)](#)  
[Application Specification AS-42815-001 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	42817
Application	Power, Wire-to-Wire
Comments	High Current/Low Force See Product Specification for maximum current rating by circuit size and application., High Current/Low Force 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	756054457108

**Physical**

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	1.340/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	4.57mm max.
Wire Size AWG	14, 16
Wire Size mm <sup>2</sup>	N/A

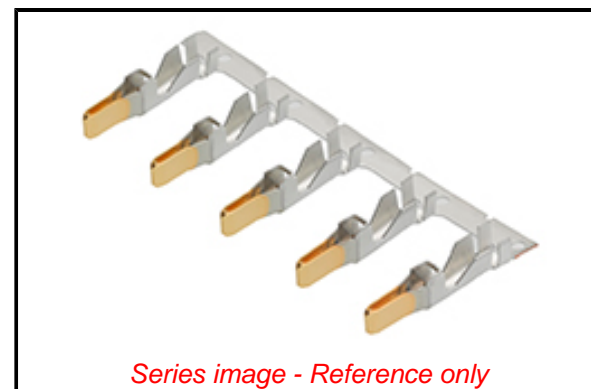
**Electrical**

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

**Reference - Drawing Numbers**

Application Specification	AS-42815-001
Packaging Specification	PK-42815-001-002
Product Specification	PS-42815-001
Sales Drawing	SD-42817-020-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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**

42817 Series

**Use With**

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

**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	<a href="#">638113800</a>
Manual Extraction Tool	<a href="#">638130400</a>
Mini-Mac Applicator	<a href="#">638912000</a>