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**Part Number:** [0428171044](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Sr. Power Connectors](#)  
**Description:** Mini-Fit Sr. Crimp Terminal, Male, 14-16 AWG, Silver (Ag)

**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="#">Test Summary TS-42815-004-001 (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	42817
Application	Power, 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.
Taxonomy	Crimp Terminals
UPC	889056244770

**Physical**

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Silver
Material - Plating Termination	Tin
Net Weight	1.376/g
Packaging Type	Reel
Plating min - Mating	2.540µm
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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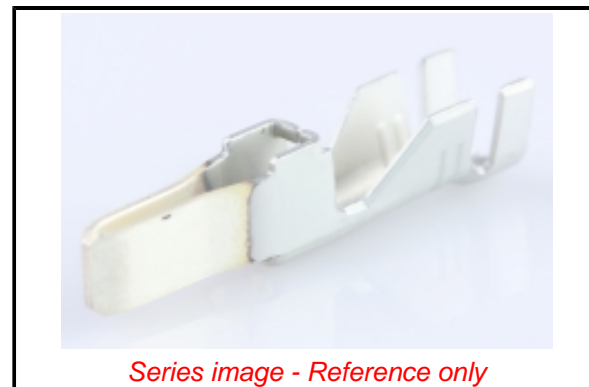
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-42815-001-001
Application Tooling Documents	ATS-638912000-001
Packaging Specification	PK-42815-001-001
Product Specification	PS-42815-001-001
Sales Drawing	SD-42817-020-001
Test Summary	TS-42815-004-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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 #
PremiumGrade Hand Crimp Tool for 10.00mm Mini-Fit Sr. Male and Female Terminals, 14-16 AWG	<a href="#">638113800</a>
Extraction Tool for Mini-Fit Sr. Terminals, 8-16 AWG	<a href="#">638130400</a>

Mini-Mac Applicator 638912000  
for Mini-Fit Sr.  
Male and Female  
Terminals for 14-16  
AWG Wire with  
Insulation Diameter  
no greater than  
3.33mm

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