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**Part Number:** [0428171114](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Sr. Power Connectors](#)  
**Description:** Mini-Fit Sr. Crimp Terminal, Male, 10-12 AWG, Silver (Ag)

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">42817</a>
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 Overview	Yes
Product Name	<a href="#">Mini-Fit Sr. Power Connectors</a>
UPC	Mini-Fit Sr. 889056244787

**Physical**

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Silver
Material - Plating Termination	Tin
Net Weight	1.503/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	5.30mm max.
Wire Size AWG	10, 12
Wire Size mm <sup>2</sup>	N/A

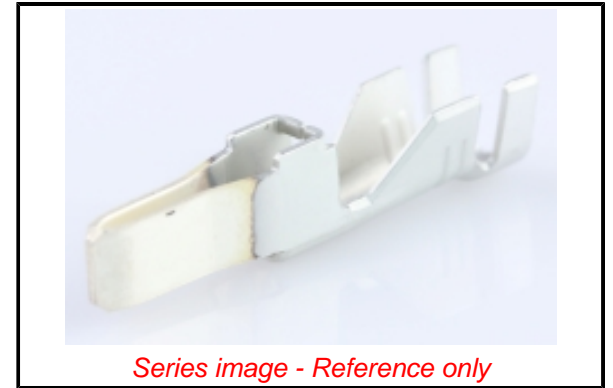
**Electrical**

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

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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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 for Mini-Fit Sr. Crimp Terminals, 10-12 AWG	<a href="#">2002181600</a>
Hand Crimp Tool for 10.00mm Pitch Mini-Fit Sr. Crimp Terminals, 10-12 AWG	<a href="#">2002188600</a>
Manual Extraction Tool	<a href="#">638130400</a>

Mini-Mac Applicator 638911100  
Mini-Mac Applicator 638911200  
for "Mini-Fit Sr."  
Terminals  
FineAdjust Applicator639040200  
for Mini-Fit Sr. Male  
and Female Crimp  
Terminals, Metric  
Wire Crimping only

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