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Part Number: [0428171014](#)
Status: **Active**
Overview: [Mini-Fit Sr. Power Connectors](#)
Description: Mini-Fit Sr. Crimp Terminal, Male, 10-12 AWG, Silver (Ag)

Documents:

[Drawing \(PDF\)](#) [Application Specification AS-42815-001 \(PDF\)](#)
[Product Specification PS-42815-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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 Overview | Yes |
| Product Name | Mini-Fit Sr. Power Connectors |
| UPC | Mini-Fit Sr. 889056244749 |

Physical

| | |
|--------------------------------|------------------------------|
| Gender | Male |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Silver over Nickel |
| Material - Plating Termination | Tin over Nickel |
| Net Weight | 1.395/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 mm² | N/A |

Electrical

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

Solder Process Data

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

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|------------------|
| Application Specification | AS-42815-001 |
| Product Specification | PS-42815-001-001 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 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 for [2002181600](#)

Mini-Fit Sr. Crimp

Terminals, 10-12

AWG

Manual Extraction [638130400](#)

Tool

Mini-Mac Applicator [638911100](#)

Mini-Mac Applicator [638911200](#)

for "Mini-Fit Sr."

Terminals

FineAdjust Applicator 639040200
for Mini-Fit Sr. Male
and Female Crimp
Terminals, Metric
Wire Crimping only

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