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Part Number: [0428150114](#)
Status: **Active**
Overview: [Mini-Fit Sr. Power Connectors](#)
Description: Mini-Fit Sr. Crimp Terminal, Female, 10-12 AWG, Silver (Ag)

Documents:

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

General

Product Family	Crimp Terminals
Series	42815
Application	Power, Wire-to-Board, 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	Mini-Fit Sr. Power Connectors
Product Name	Mini-Fit Sr.
UPC	889056241755

Physical

Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Silver over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	1.381/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
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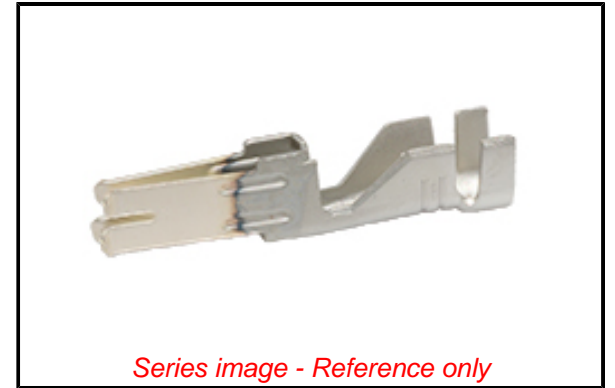
Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Product Specification	PS-42815-001-001
Sales Drawing	428150000-SD-000



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

[42815 Series](#)

Use With

Mini-Fit Sr. Receptacle Housing [42816](#) , [43914](#)

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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