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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 \(PDF\)](#) [Test Summary TS-42815-004-001 \(PDF\)](#)
[Product Specification PS-42815-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-42815-001-002 \(PDF\)](#)

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.
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
Material - Plating Termination Tin
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

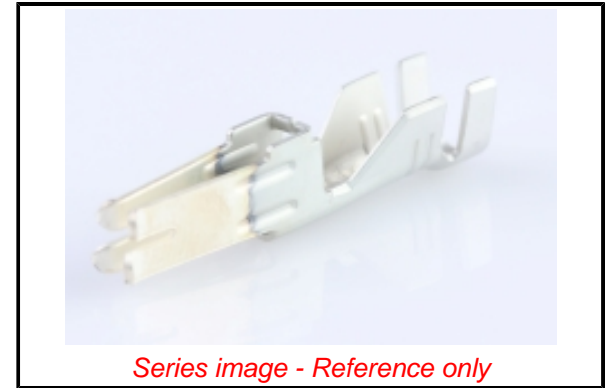
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-42815-001-002
Product Specification PS-42815-001-001
Sales Drawing 428150000-SD-000
Test Summary TS-42815-004-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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 10.00mm Pitch Mini-Fit Sr. Crimp Terminals, 10-12 AWG	<u>2002188600</u>
FineAdjust Applicator for Mini-Fit Sr. Male and Female Crimp Terminals, 10-12 AWG Wire	<u>2037022700</u>

FineAdjust Applicator 2037022800
for Mini-Fit Sr. Male
and Female Crimp
Terminals, 10-12
AWG Wire
Extraction Tool 638130400
for Mini-Fit Sr.
Terminals, 8-16
AWG
FineAdjust Applicator 639040200
for Mini-Fit Sr. Male
and Female Crimp
Terminals, Metric
Wire Crimping only

This document was generated on 08/24/2021

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