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Part Number: [0428150042](#)
Status: **Active**
Overview: [Mini-Fit Sr. Power Connectors](#)
Description: [Mini-Fit Sr. Crimp Terminal, Female, 14-16 AWG, Gold \(Au\)](#)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-42815-001-002 \(PDF\)](#)
[Product Specification PS-42815-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-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.](#)
Crimp Quality Equipment [Yes](#)
Overview [Mini-Fit Sr. Power Connectors](#)
Product Name [Mini-Fit Sr.](#)
Taxonomy [Crimp Terminals](#)
UPC [756054457078](#)

Physical

Gender [Female](#)
Material - Metal [High Performance Alloy \(HPA\)](#)
Material - Plating Mating [Gold](#)
Material - Plating Termination [Tin](#)
Net Weight [1.353/g](#)
Packaging Type [Reel](#)
Plating min - Mating [0.762µm](#)
Plating min - Termination [2.540µm](#)
Termination Interface: Style [Crimp or Compression](#)
Wire Insulation Diameter [3.33mm max.](#)
Wire Size AWG [14, 16](#)
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 Tooling Documents [ATS-638912000-001](#)
Packaging Specification [PK-42815-001-001, PK-42815-001-002](#)
Product Specification [PS-42815-001-001](#)
Sales Drawing [SD-42815-020-001](#)



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

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 #

PremiumGrade [638113800](#)

Hand Crimp Tool for
10.00mm Mini-Fit Sr.

Male and Female
Terminals, 14-16

AWG

Extraction Tool [638130400](#)

for Mini-Fit Sr.
Terminals, 8-16

AWG

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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