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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.](#)
 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

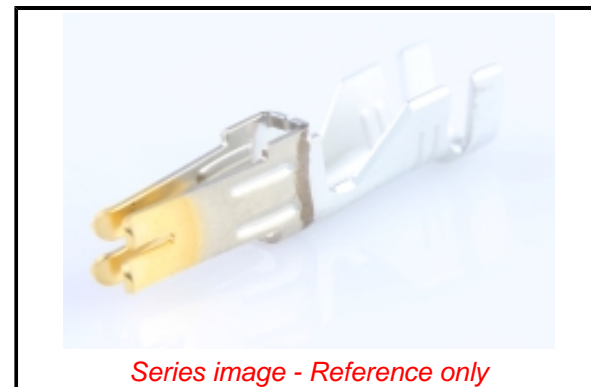
Solder Process Data

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(2021)4569-DC (8
 July 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 #
PremiumGrade Hand Crimp Tool for 10.00mm Mini-Fit Sr. Male and Female Terminals, 14-16 AWG	638113800
Extraction Tool for Mini-Fit Sr. Terminals, 8-16 AWG	638130400

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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