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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 Overview	Yes
Product Name	Mini-Fit Sr. Power Connectors
Taxonomy	Mini-Fit Sr.
UPC	Crimp Terminals 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
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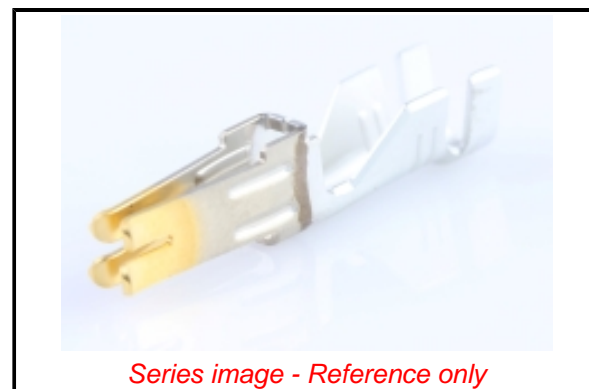
Solder Process Data

Lead-freeProcess Capability	N/A
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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)4187-DC (10
June 2022)

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

This document was generated on 09/15/2022

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