

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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 \(PDF\)](#)

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

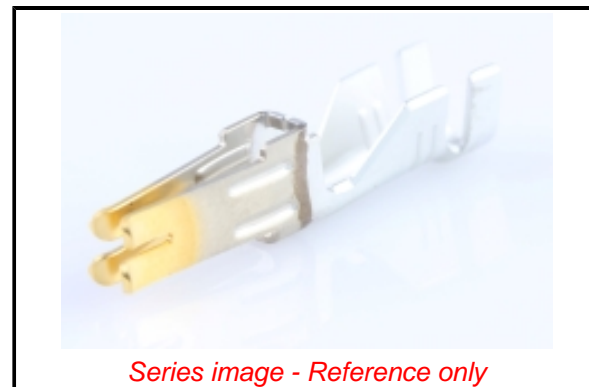
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification 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(2020)4578-DC (25
 June 2020)

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	638113800
Manual Extraction Tool	638130400
Mini-Mac Applicator	638912000