

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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 \(PDF\)](#) [Product Specification TS-42815-004-001 \(PDF\)](#)
[Product Specification PS-42815-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	42815
Application	Power
Comments	High Current/Low Force See Product Specification for maximum current rating by circuit size and application.
Crimp Quality Equipment Overview	Yes
Product Name	<u>Mini-Fit Sr. Power Connectors</u>
UPC	Mini-Fit Sr. 889056241755

Physical

Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Silver over Nickel
Material - Plating Termination	Tin over Nickel
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 mm ²	N/A

Electrical

Current - Maximum per Contact	50.0A
-------------------------------	-------

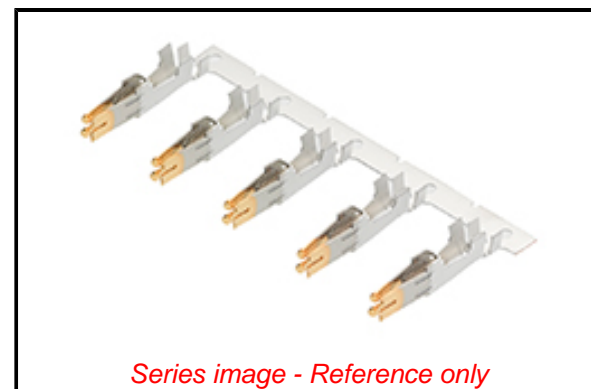
Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Product Specification	PS-42815-001, TS-42815-004-001
Sales Drawing	SD-42815-*



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42815 Series](#)

Use With

Mini-Fit Sr. Receptacle Housing [42816](#) ,
[43914](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[42815-0114](#)