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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 (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	Mini-Fit Sr.™ Power Connectors
UPC	Mini-Fit Sr.™ 756054457078

Physical

Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
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	4.57mm max.
Wire Size AWG	14, 16
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	50.0A
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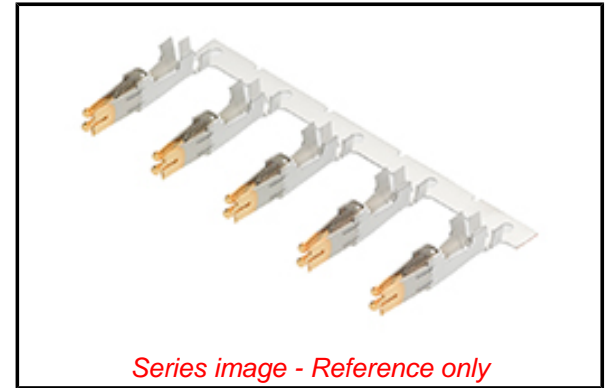
Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-42815-001
Product Specification	PS-42815-001, RPS-42815-011, RPS-42815-012, RPS-42815-013, RPS-42815-014
Sales Drawing	SD-42815-020



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

Green Image
Not Relevant

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 #
Mini-Mac™ Applicator	0638912000
Hand Crimp Tool	0638113800
Manual Extraction Tool	0638130400

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