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Part Number: [0428150012](#)
Status: **Active**
Overview: [Mini-Fit Sr.™ Power Connectors](#)
Description: [Mini-Fit Sr.™ Crimp Terminal, Female, 10-12 AWG, Gold \(Au\)](#)

Documents:

Drawing (PDF)	Test Summary TS-42815-001 (PDF)
Product Specification PS-42815-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-42815-001 (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	Yes
MolexKits	Yes
Overview	Mini-Fit Sr.™ Power Connectors
Product Name	Mini-Fit Sr.™
UPC	800756101095

Physical

Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	1.351/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	5.30mm max.
Wire Size AWG	10, 12
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	50.0A
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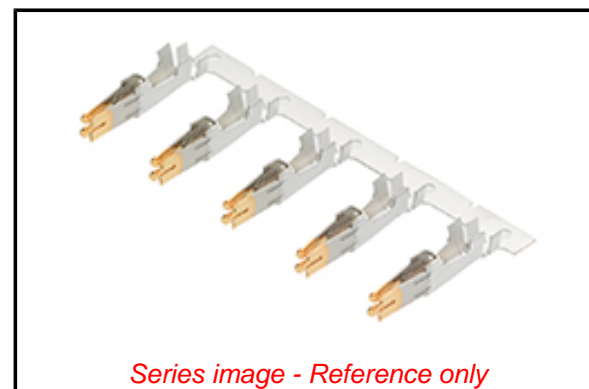
Solder Process Data

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-42815-001 , RPS-42815-011 , RPS-42815-012 , RPS-42815-013 , RPS-42815-014 , RPS-42815-015
Sales Drawing	SD-42815-*
Test Summary	TS-42815-001



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 #
FineAdjust™ Applicator for Mini-Fit Sr.™ Male and Female Crimp Terminals, Metric Wire Crimping only	0639040300

Mini-Mac™ Applicator	<u>0638911100</u>
Mini-Mac™ Applicator for “Mini- Fit Sr.” Terminals	<u>0638911200</u>
Hand Crimp Tool for Mini-Fit Sr.™ Male and Female Terminals, 5mm² and 6mm² Wire	<u>0638279300</u>
FineAdjust™ Applicator for Mini- Fit Sr.™ Male and Female Crimp Terminals, Metric Wire Crimping only	<u>0639040200</u>
Hand Crimper	<u>0638111600</u>
Manual Extraction Tool	<u>0638130400</u>
Japan	
Description	Product #
Side-Feed Applicator For Full-Auto Machine	<u>0573983200</u>

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