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Part Number: [0428150011](#)
Status: **Active**
Overview: [Mini-Fit Sr. Power Connectors](#)
Description: Mini-Fit Sr. Crimp Terminal, Female, 10-12 AWG, Tin (Sn)
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=042815001242815-0012> (Gold)

Documents:

Drawing (PDF)	Packaging Specification PK-42815-001-002 (PDF)
Product Specification PS-42815-001 (PDF)	Test Summary TS-42815-001 (PDF)
Product Specification TS-6547-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-42815-001-001 (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.
Replacement Part Number	42815-0012 (Gold)
Replacement Part Number	42815-0114 (Silver)
UPC	800753749795

Physical

Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	1.351/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
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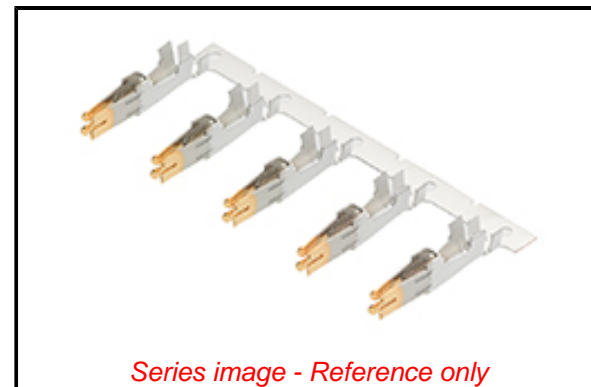
Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-42815-001-001
Packaging Specification	PK-42815-001-002
Product Specification	PS-42815-001, TS-6547-001-001
Sales Drawing	SD-42815-*
Test Summary	TS-42815-001



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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[42815](#) Series

Use With

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

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