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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-42815-001-002 (PDF)

General

Product Family	Crimp Terminals
Series	<u>42815</u>
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	<u>Mini-Fit Sr.™ Power Connectors</u>
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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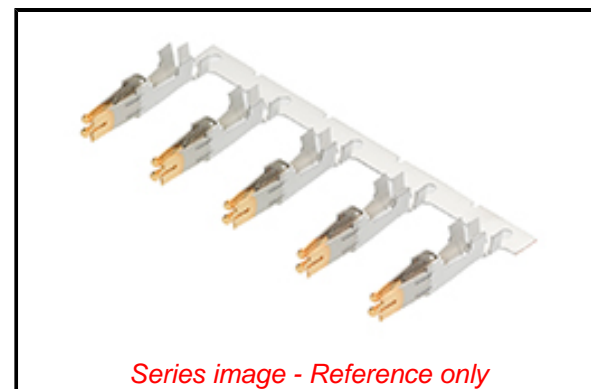
Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

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