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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)

Series image - Reference only

Documents:
Drawing (PDF)
Product Specification PS-42815-001 (PDF)
Packaging Specification PK-42815-001 (PDF)
Test Summary TS-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	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

Solder Process Data

Lead-freeProcess Capability	N/A

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

China RoHS

REACH SVHC
No -ED/39/2015 (15 June 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	Green Image
ELV	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	0639040200
Hand Crimper	0638111600

Manual Extraction Tool	0638130400
FineAdjust™ Applicator for Mini-Fit Sr.™ Male and Female Crimp Terminals, Metric Wire Crimping only	0639040300
Mini-Mac™ Applicator	0638911100
Mini-Mac™ Applicator for “Mini-Fit Sr.” Terminals	0638911200

Japan

Description	Product #
Side-Feed Applicator For Full-Auto Machine	0573983200

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