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Part Number:

0428150144

Status:

Active

Overview:

Mini-Fit Sr. Power Connectors

Description:

Mini-Fit Sr. Crimp Terminal, Female, 14-16 AWG, Silver (Ag)

Documents:

Drawing (PDF)

Product Specification PS-42815-001-001 (PDF)

Test Summary TS-42815-004-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	42815
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	High Current/Low Force; See Product Specification for maximum current rating by circuit size and application.
Crimp Quality Equipment	Yes
Overview	Mini-Fit Sr. Power Connectors
Product Name	Mini-Fit Sr.
Taxonomy	Crimp Terminals
UPC	889056241779
Physical	
Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Silver
Material - Plating Termination	Tin
Net Weight	1.381/g
Packaging Type	Reel
Plating min - Mating	2.540µm
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
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Tooling Documents	ATS-638912000-001
Product Specification	PS-42815-001-001
Sales Drawing	SD-42815-020-001
Test Summary	TS-42815-004-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

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June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

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

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 #
PremiumGrade Hand Crimp Tool for 10.00mm Mini-Fit Sr. Male and Female Terminals, 14-16 AWG	638113800
Extraction Tool for Mini-Fit Sr. Terminals, 8-16 AWG	638130400

Mini-Mac Applicator 638912000
for Mini-Fit Sr.
Male and Female
Terminals for 14-16
AWG Wire with
Insulation Diameter
no greater than
3.33mm

This document was generated on 10/10/2022
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