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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-42815-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-42815-001-002 \(PDF\)](#)

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.
UPC 800756101095

Physical

Gender Female
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Gold
Material - Plating Termination Tin
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

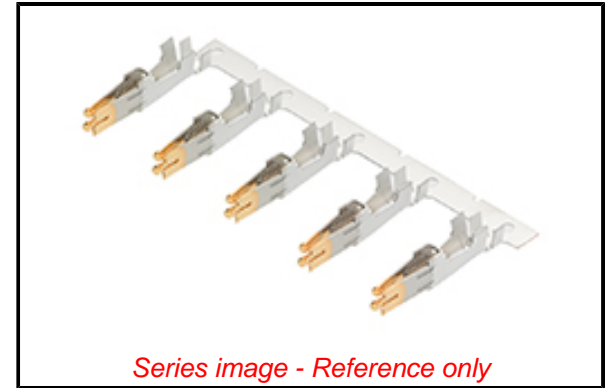
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-42815-001-002
Product Specification PS-42815-001-001
Sales Drawing 428150000-SD-000
Test Summary TS-42815-001



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
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January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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 #

Hand Crimp Tool for [2002181600](#)
Mini-Fit Sr. Crimp
Terminals, 10-12
AWG
CRIMP HAND TOOL [2002188600](#)
- MINI FIT SR 10 &
12
Manual Extraction [638130400](#)
Tool

Hand Crimp Tool for [638279300](#)
Mini-Fit Sr. Male and
Female Terminals,
5mm² and 6mm²
Wire
Mini-Mac Applicator [638911100](#)
Mini-Mac Applicator [638911200](#)
for "Mini-Fit Sr."
Terminals
FineAdjust Applicator [639040200](#)
for Mini-Fit Sr. Male
and Female Crimp
Terminals, Metric
Wire Crimping only
FineAdjust Applicator [639040300](#)
for Mini-Fit Sr. Male
and Female Crimp
Terminals, Metric
Wire Crimping only

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