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Part Number:

0428170012

Status:

Active

Overview:

Mini-Fit Sr.™ Power Connectors

Description:

Mini-Fit Sr.™ Crimp Terminal, Male, 10-12 AWG, Gold (Au)



Series image - Reference only

Documents:

- [Drawing \(PDF\)](#)
- [Product Specification PS-42815-001 \(PDF\)](#)
- [Test Summary TS-42815-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	42817
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	800756491561

Physical

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	1.390/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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Material Info

Reference - Drawing Numbers

Product Specification	PS-42815-001
Sales Drawing	SD-42817-*
Test Summary	TS-42815-001

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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	Green Image
ELV	Not Relevant

Search Parts in this Series

42817 Series

Use With

Mini-Fit Sr.™ Plug Housings [42818](#) , [43938](#)

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 Crimper	0638111600
Manual Extraction Tool	0638130400
Hand Crimp Tool for Mini-Fit Sr.™ Male and Female	0638279300

Terminals, 5mm² and 6mm² Wire Mini-Mac™ Applicator	<u>0638911100</u>
Mini-Mac™ Applicator for “Mini- Fit Sr.” Terminals	<u>0638911200</u>
FineAdjust™ Applicator for Mini- Fit Sr.™ Male and Female Crimp Terminals, Metric Wire Crimping only	<u>0639040200</u>
FineAdjust™ Applicator for Mini- Fit Sr.™ Male and Female Crimp Terminals, Metric Wire Crimping only	<u>0639040300</u>

This document was generated on 07/11/2016

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