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Part Number: [0428170032](#)
Status: **Active**
Overview: [Mini-Fit Sr.™ Power Connectors](#)
Description: [Mini-Fit Sr.™ Crimp Terminal, Male, 8 AWG, Gold \(Au\)](#)

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-42815-001 \(PDF\)](#)
[Product Specification PS-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 Overview	Yes
Product Name	Mini-Fit Sr.™ Power Connectors
UPC	Mini-Fit Sr.™ 800756491356

Physical

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	1.377/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	6.60mm max.
Wire Size AWG	12+12, 8
Wire Size mm²	N/A

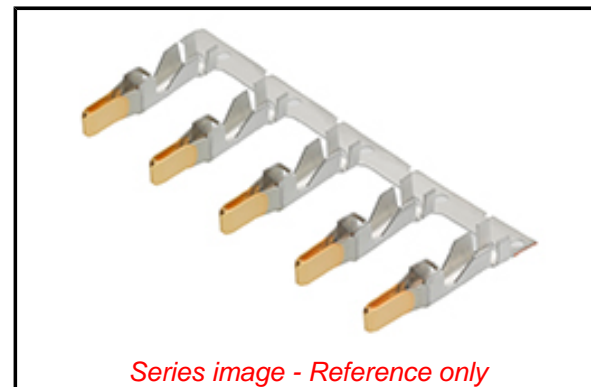
Electrical

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



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

Green Image
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 - SPECIAL INSULATION CRIMP	0638111500
Manual Extraction Tool	0638130400
Mini-Mac™ Applicator	0638911000

Mini-Mac™ 0638919500
Applicator for
Terminals

Japan

Description **Product #**

Side-Feed Applicator 0573983200
For Full-Auto
Machine

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