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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 \(Au\)](#)

Documents:

Drawing (PDF)	Packaging Specification PK-42815-001-002 (PDF)
Product Specification PS-42815-001 (PDF)	Test Summary TS-42815-001 (PDF)
Application Specification AS-42815-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	42817
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	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

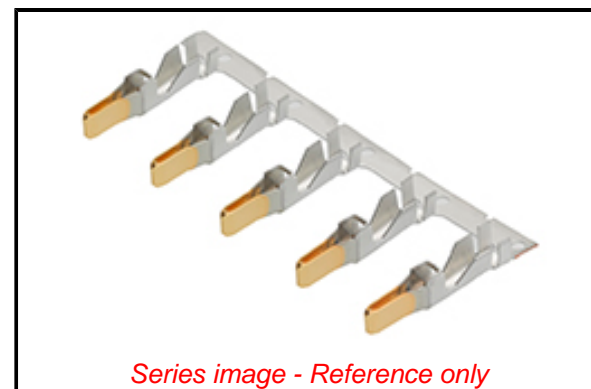
Electrical

Current - Maximum per Contact	50.0A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-42815-001-001
Packaging Specification	PK-42815-001-002
Product Specification	PS-42815-001
Test Summary	TS-42815-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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 Crimp Tool for Mini-Fit Sr. Crimp Terminals, 10-12 AWG	2002181600
Manual Extraction Tool	638130400
Hand Crimp Tool for Mini-Fit Sr. Male and Female Terminals, 5mm² and 6mm²	638279300
Wire	

Mini-Mac Applicator 638911100
Mini-Mac Applicator 638911200
for "Mini-Fit Sr."
Terminals
FineAdjust Applicator639040200
for Mini-Fit Sr. Male
and Female Crimp
Terminals, Metric
Wire Crimping only
FineAdjust Applicator639040300
for Mini-Fit Sr. Male
and Female Crimp
Terminals, Metric
Wire Crimping only

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