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Part Number: **0428170142**
Status: **Active**
Overview: Mini-Fit Sr. Power Connectors
Description: Mini-Fit Sr. Crimp Terminal, Male, 14-16 AWG, Gold (Au)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-42815-001-002 \(PDF\)](#)
[Product Specification PS-42815-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-42815-001 \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	42817
Application	Power, Wire-to-Wire
Comments	High Current/Low Force Grounding Pin See Product Specification for maximum current rating by circuit size and application., High Current/Low Force Grounding Pin 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. 756054457146

Physical

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	1.370/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	4.57mm max.
Wire Size AWG	14, 16
Wire Size mm ²	N/A

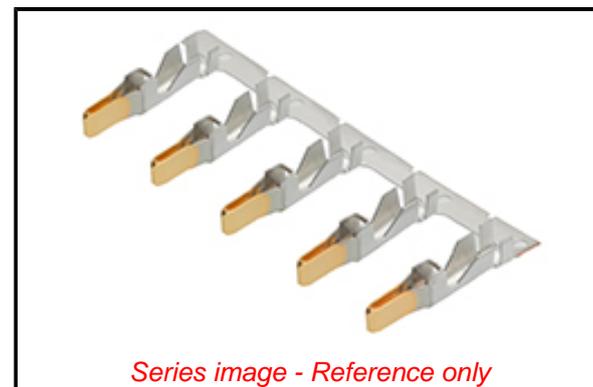
Electrical

Current - Maximum per Contact	50.0A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-42815-001
Packaging Specification	PK-42815-001-002
Product Specification	PS-42815-001-001
Sales Drawing	SD-42817-020-001



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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	638113800
Manual Extraction Tool	638130400
Mini-Mac Applicator	638912000

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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