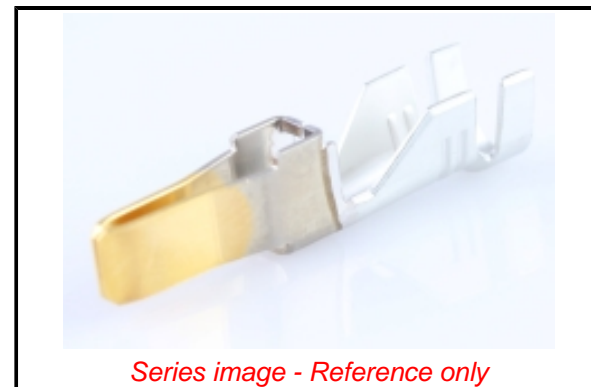


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Part Number: [0428170012](#)
Status: **Active**
Overview: Mini-Fit Sr. Power Connectors
Description: Mini-Fit Sr. Crimp Terminal, Male, 10-12 AWG, Gold (Au)

Documents:

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



Series image - Reference only

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 Overview | Yes |
| Product Name | <u>Mini-Fit Sr. Power Connectors</u> |
| UPC | Mini-Fit Sr. 800756491561 |

Physical

| | |
|--------------------------------|------------------------------|
| Gender | Male |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| 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 mm ² | N/A |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 50.0A |
|-------------------------------|-------|

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|------------------------------------|
| Application Specification | AS-42815-001-001 |
| Packaging Specification | PK-42815-001-001, PK-42815-001-002 |
| Product Specification | PS-42815-001-001, TS-42815-001-001 |
| Sales Drawing | 428170000-SD-000 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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 10.00mm Pitch Mini-Fit Sr. Crimp Terminals, 10-12 AWG | 2002188600 |
| FineAdjust Applicator for Mini-Fit Sr. Male and Female Crimp Terminals, 10-12 AWG Wire | 2037022700 |

FineAdjust Applicator 2037022800
for Mini-Fit Sr. Male
and Female Crimp
Terminals, 10-12
AWG Wire
Extraction Tool 638130400
for Mini-Fit Sr.
Terminals, 8-16
AWG
Hand Crimp Tool for 638279300
Mini-Fit Sr. Male and
Female Terminals,
5mm² and 6mm²
Wire
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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