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Part Number:

0428170132

Status:

Active

Overview:

Mini-Fit Sr. Power Connectors

Description:

Mini-Fit Sr. Crimp Terminal, Male, 8 AWG, Gold (Au)

Documents:

Drawing (PDF)

Product Specification PS-42815-001-001 (PDF)

Application Specification AS-42815-001 (PDF)

Packaging Specification PK-42815-001-002 (PDF)

Test Summary TS-42815-001 (PDF)

RoHS Certificate of Compliance (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	Yes
Overview	Mini-Fit Sr. Power Connectors
Product Name	Mini-Fit Sr.
UPC	800756523323
Physical	
Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	3.216/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
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-42815-001
Packaging Specification	PK-42815-001-002
Product Specification	PS-42815-001-001
Sales Drawing	428170000-SD-000
Test Summary	TS-42815-001



Series image - Reference only

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

Green Image

ELV

Not Relevant

RoHS Phthalates

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, 8 AWG	2002181500
Manual Extraction Tool	638130400
Mini-Mac Applicator	638911000
Mini-Mac Applicator for Terminals	638919500

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