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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)

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

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

Application Specification AS-42815-001-001 (PDF)

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

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

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	42817
Application	Power, 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	800756491356
Physical	
Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
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
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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China 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	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 10.00mm Pitch Mini-Fit Sr. Crimp Terminals, 8 AWG	2002188700
FineAdjust Applicator for Mini-Fit Sr. Crimp Terminals, 12+12 AWG, 8 AWG	2037022500
Extraction Tool for Mini-Fit Sr.	638130400

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[42817-0032 \(Loose Piece\)](#) [42817-0032 \(Cut Strip\)](#) [42817-0032 \(Mouser Reel\)](#)