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Part Number: [0457501112](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Plus Crimp Terminal, 18-20 AWG, Bag, Copper (Cu) Alloy, Tin (Sn)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-5556-003-001 \(PDF\)](#)
[Product Specification PS-45750-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family Crimp Terminals
Series [45750](#)
Application Power, Wire-to-Board, Wire-to-Wire
Comments Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.
 Series 45750 is Hot-Swappable
Crimp Quality Equipment Yes
Overview [Mini-Fit Family Power Connectors](#)
Packaging Alternative [457501111](#) (Reel)
Product Name Mini-Fit Plus
UPC 822350286022

Physical

Durability (mating cycles max) 100
Gender Female
Material - Metal Copper Alloy
Material - Plating Mating Tin
Material - Plating Termination Tin
Net Weight 0.150/g
Packaging Type Bag
Plating min - Mating 2.540µm
Plating min - Termination 2.540µm
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 1.80-3.10mm
Wire Size AWG 18, 20
Wire Size mm² N/A

Electrical

Current - Maximum per Contact 13.0A
Voltage - Maximum 600V

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-5556-003-001
Product Specification PS-45750-001-001
Sales Drawing SD-45750-001-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
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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

[45750](#) Series

Mates With

[46012](#) Mini-Fit Plus Crimp Terminal

Use With

[5557](#) Mini-Fit Jr., [30067](#) Mini-Fit TPA, [42474](#) Mini-Fit BMI Panel Mount, [43760](#) Mini-Fit BMI, [44516](#) Mini-Fit BMI Panel Mount Slide-N-Lock

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 #
Extraction Tool for Mini-Fit Jr. Terminals	11030044
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and	638190901

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