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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 de-rating information.<br> 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 - D(2020)9139-DC (19 Jan 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**

[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 PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and	<a href="#">11030044</a> <a href="#">638190901</a>

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