

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0457503211](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Plus Connector System](#)  
**Description:** Mini-Fit Plus Crimp Terminal, 16 AWG, Reel, Copper (Cu) Alloy, Gold (Au) Selective

**Documents:**

[Drawing \(PDF\)](#) [Test Summary 457500003-TS-000 \(PDF\)](#)  
[Product Specification PS-45750-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-45750-001-001 \(PDF\)](#)

**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  
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  
Yes  
Crimp Quality Equipment Overview [Mini-Fit Plus Connector System](#)  
Packaging Alternative [457503212 \(Loose\)](#)  
Product Name Mini-Fit Plus  
UPC 822350286077

**Physical**

Durability (mating cycles max) 250  
Gender Female  
Material - Metal Copper Alloy  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Net Weight 0.148/g  
Packaging Type Reel  
Plating min - Mating 0.762µm  
Plating min - Termination 2.540µm  
Termination Interface: Style Crimp or Compression  
Wire Insulation Diameter 1.80-3.10mm  
Wire Size AWG 16  
Wire Size mm² N/A

**Electrical**

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

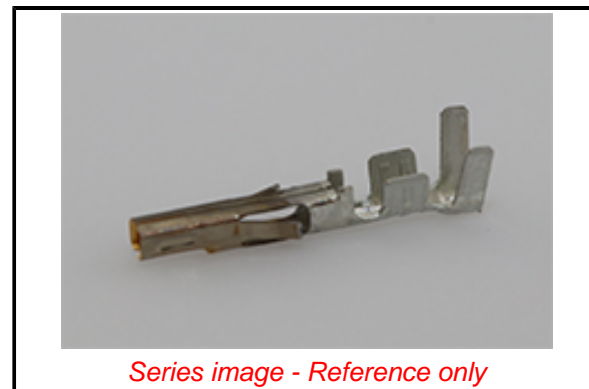
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-45750-001-001  
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 - ECHA\_01\_2020 (16 January 2020

**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	<a href="#">11030044</a>
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	<a href="#">2002182200</a>

FineAdjust Applicator 639039400  
for Insulation OD  
2.20-2.45mm,  
Optimized for 16  
AWG Only  
FineAdjust Applicator 639041400  
for Mini-Fit Jr., Mini-  
Fit HCS, and Mini-  
Fit Plus HCS Crimp  
Terminals, 16 AWG  
with Large Insulation  
Diameters  
FineAdjust 639041500  
Applicator for Mini-  
Fit Crimp Terminals,  
1.80-2.20mm  
Insulation Diameter  
Wire, 16 AWG,  
1.31mm<sup>2</sup>

This document was generated on 02/20/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**