

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

**Part Number:** [0457501111](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Plus Crimp Terminal, 18-20 AWG, Reel, Copper (Cu) Alloy, Tin (Sn)

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-45750-001-001 \(PDF\)](#)  
[Product Specification 55560008-TS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">45750</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current de-rating information.  Series 45750 is Hot-Swappable
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Packaging Alternative	<a href="#">457501112</a> (Loose)
Product Name	Mini-Fit Plus
UPC	822350286015

**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	Reel
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**

Product Specification	55560008-TS-000, PS-45750-001-001
Sales Drawing	SD-45750-001-001, SDIN-45750-001-001



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU 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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

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 [11030044](#)

Mini-Fit Jr. Terminals

PremiumGrade Hand[638190901](#)

Crimp Tool for Mini-

Fit Jr. Male and

Female Terminals,  
 18-24 AWG  
 FineAdjust 639015600  
 Applicator for 18-20  
 AWG and 18-24  
 AWG Wires with  
 Insulation Diameter  
 1.90-2.30mm  
 FineAdjust Applicator639023900  
 for Insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 FineAdjust Applicator639024800  
 for Insulation OD  
 2.50-2.95mm  
 Optimized for 18  
 AWG Only  
 FineAdjust Applicator639024900  
 for Insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 FineAdjust Applicator639047800  
 for Insulation OD  
 2.50-2.95mm, 18-24  
 AWG  
 FineAdjust Applicator639048000  
 for Insulation OD  
 1.65-2.05mm, 18-24  
 AWG  
 T2 Terminator 639115600  
 for insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 T2 Terminator 639123900  
 for insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 T2 Terminator 639124800  
 for insulation OD  
 2.50-2.95mm  
 optimized for 18  
 AWG only  
 T2 Terminator 639124900  
 for insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 T2 Terminator 639147800  
 for Mini-Fit Crimp  
 Terminals, 18-24  
 AWG with Large  
 Insulation ODs  
 T2 Terminator 639148000  
 for Mini-Fit Crimp  
 Terminals, 18-24  
 AWG with Smaller  
 Insulation ODs

This document was generated on 02/09/2022

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[45750-1111](#)