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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	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. Series 45750 is Hot-Swappable
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	457501112 (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
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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

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