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**Part Number:** [0457501211](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** [Mini-Fit Plus Crimp Terminal, 18-20 AWG, Reel, Copper \(Cu\) Alloy, Gold \(Au\) Selective](#)

**Documents:**

[Drawing \(PDF\)](#) [Test Summary 457500003-TS-000 \(PDF\)](#)  
[Product Specification 55560008-TS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-45750-001-001 \(PDF\)](#)

**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 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
	Yes
Crimp Quality Equipment Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Packaging Alternative	<a href="#">457501212 (Loose)</a>
Product Name	Mini-Fit Plus
Taxonomy	Crimp Terminals
UPC	822350286053

**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	18, 20
Wire Size mm <sup>2</sup>	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
Test Summary	457500003-TS-000



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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](#)

**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	<a href="#">11030044</a>
Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	<a href="#">638190901</a>

FineAdjust	<u>639015600</u>
Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm	
FineAdjust Applicator	<u>639023900</u>
for Insulation OD 1.40-1.70mm - 18-24 AWG	
FineAdjust Applicator	<u>639024800</u>
for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	
FineAdjust Applicator	<u>639024900</u>
for Insulation OD 2.30-2.60mm - 18-24 AWG	
FineAdjust Applicator	<u>639047800</u>
for Insulation OD 2.50-2.95mm, 18-24 AWG	
FineAdjust Applicator	<u>639048000</u>
for Insulation OD 1.65-2.05mm, 18-24 AWG	
T2 Terminator	<u>639115600</u>
for insulation OD 1.90-2.30mm - 18-24 AWG	
T2 Terminator	<u>639123900</u>
for insulation OD 1.40-1.70mm - 18-24 AWG	
T2 Terminator	<u>639124800</u>
for insulation OD 2.50-2.95mm optimized for 18 AWG only	
T2 Terminator	<u>639124900</u>
for insulation OD 2.30-2.60mm - 18-24 AWG	
T2 Terminator	<u>639147800</u>
for Mini-Fit Crimp Terminals, 18-24 AWG with Large Insulation ODs	
T2 Terminator	<u>639148000</u>
for Mini-Fit Crimp Terminals, 18-24 AWG with Smaller Insulation ODs	

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