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

**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 Overview	Yes
Packaging Alternative	minifit_power_connector_solutions
Product Name	<a href="#">457501212</a> (Loose)
UPC	Mini-Fit Plus 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 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
Test Summary	457500003-TS-000

**EU ELV**  
**Compliant**

**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	Green Image
ELV	Compliant
RoHS Phthalates	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 #
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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	
FineAdjust Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm	<a href="#">639015600</a>
FineAdjust Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	<a href="#">639023900</a>

FineAdjust Applicator [639024800](#)  
for Insulation OD  
2.50-2.95mm  
Optimized for 18  
AWG Only  
FineAdjust Applicator [639024900](#)  
for Insulation OD  
2.30-2.60mm - 18-24  
AWG  
FineAdjust Applicator [639047800](#)  
for Insulation OD  
2.50-2.95mm, 18-24  
AWG  
FineAdjust Applicator [639048000](#)  
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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