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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                  | <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.<br> Series 45750 is Hot-Swappable |
| Crimp Quality Equipment | Yes   |
| Overview                | <a href="#">Mini-Fit Family Power Connectors</a>  |
| Packaging Alternative   | <a href="#">457501112 (Loose)</a>   |
| 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

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