

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

**Part Number:** [0457503212](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** [Mini-Fit Plus Crimp Terminal, 16 AWG, Bag, Copper \(Cu\) Alloy, Gold \(Au\) Selective](#)

**Documents:**

[Drawing \(PDF\)](#) [Test Summary 457500003-TS-000 \(PDF\)](#)  
[Product Specification PS-45750-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-5556-003-001 \(PDF\)](#)

**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 <a href="#">45750</a> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.  Series 45750 is Hot-Swappable
Crimp Quality Equipment Overview	Yes
Packaging Alternative	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	<a href="#">457503211</a> (Reel)
UPC	Mini-Fit Plus 822350286107

**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	Bag
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.50mm
Wire Size AWG	16
Wire Size mm²	N/A

**Electrical**

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-5556-003-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-45750-001-001
Test Summary	457500003-TS-000



Series image - Reference only

**EU ELV**

**Not Relevant**

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

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

Hand Crimp Tool [2002182200](#)

for Mini-Fit Jr. Male

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