



**Part Number :** [457503211](#)

**Product Description :** Mini-Fit Plus Female Crimp Terminal, 16 AWG, Copper Alloy, 0.76µm Gold (Au) Selective Plating, Reel

**Series Number :** 45750

**Status :** Active

**Product Category :** Crimp Terminals

**Packaging Alternative :** [457503212](#) (Bag)



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## Documents and Resources

### Drawings

[457503211 sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[55560002-AS-000.pdf](#)

[PS-45750-001-001.pdf](#)


[55560008-TS-000.pdf](#)

[457500003-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	45750
Description	Mini-Fit Plus Female Crimp Terminal, 16 AWG, Copper Alloy, 0.76µm Gold (Au) Selective Plating, Reel
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
Product Name	Mini-Fit Plus
UPC	822350286077

### Electrical

Current - Maximum per Contact	13.0A
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Voltage - Maximum	600V
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## 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)	16
Wire Size mm <sup>2</sup>	N/A

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### Use with Part(s)

Description	Part Number
Mini-Fit TPA Dual Row Receptacle Housings	<u><a href="#">30067</a></u>
Mini-Fit BMI Dual Row Receptacle Housings	<u><a href="#">42474</a></u>
Mini-Fit BMI Dual Row Receptacle Housings	<u><a href="#">43760</a></u>
Mini-Fit BMI Dual Row Receptacle Housings	<u><a href="#">44516</a></u>
Mini-Fit Jr. Receptacle Housings	<u><a href="#">5557</a></u>
Mini-Fit Jr. Dual Row Receptacle Housings	<u><a href="#">46992</a></u>

## Application Tooling

### Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	<u>2002182200</u>
FineAdjust Applicator for Insulation OD 2.20-2.45mm, 16 AWG	<u>639039400</u>
FineAdjust Applicator for Insulation OD 2.60-3.15mm, 16 AWG	<u>639041400</u>
FineAdjust Applicator for Insulation OD 1.80-2.20mm, 16 AWG	<u>639041500</u>

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