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**Part Number:** [0457503211](#)  
**Status:** **Active**  
**Overview:** Mini-Fit® Plus Connector System  
**Description:** Mini-Fit® Plus Crimp Terminal, 16 AWG, Reel, Copper (Cu) Alloy, Gold (Au) Selective

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">45750</a>
Application	Power
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.
Crimp Quality Equipment Overview	Yes
Packaging Alternative	<u>Mini-Fit® Plus Connector System</u>
Product Name	<a href="#">45750-3212</a> (Loose)
UPC	Mini-Fit® Plus 822350286077

**Physical**

Durability (mating cycles max)	250
Gender	Female
Material - Metal	Copper-Nickel-Silicon
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 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**

Sales Drawing	SD-45750-001
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**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 #**

Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900
Extraction Tool	0011030044
FineAdjust™	0639039400
Applicator for Insulation OD 2.20-2.45mm, Optimized for 16 AWG Only	
FineAdjust™	0639041400
Applicator for Mini-Fit Jr.™, Mini-Fit HCS™, and Mini-Fit Plus HCS™ Crimp Terminals, 16 AWG with Large Insulation Diameters	
T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only	0639102800
T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only	0639103000
FineAdjust™	0639015300
Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only	

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