

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

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

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-45750-001-001 \(PDF\)](#)  
[Product Specification PS-45750-001-001 \(PDF\)](#) [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.
Crimp Quality Equipment Overview	Yes
Packaging Alternative	<a href="#">Mini-Fit Plus Connector System</a>
Product Name	<a href="#">45750-1212 (Loose)</a>
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 mm <sup>2</sup>	N/A

**Electrical**

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

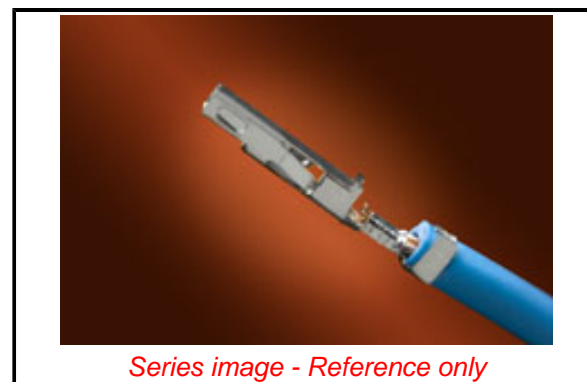
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-45750-001-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-45750-001-001



*Series image - Reference only*

**EU ELV  
Compliant**

**EU RoHS  
Compliant  
REACH SVHC**

**China RoHS**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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