

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

**Part Number:** [0460121141](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Plus Connector System](#)  
**Description:** Mini-Fit Plus Crimp Terminal, 18-20 AWG, Reel, Tin (Sn) Plating

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-46012-001 \(PDF\)](#)  
[Product Specification PS-45750-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">46012</a>
Application	Power, 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	Yes
Overview	<a href="#">Mini-Fit Plus Connector System</a>
Packaging Alternative	<a href="#">46012-1142 (Loose)</a>
Product Name	Mini-Fit Plus
UPC	822350570435

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.145/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.65-2.95mm
Wire Size AWG	18, 20
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

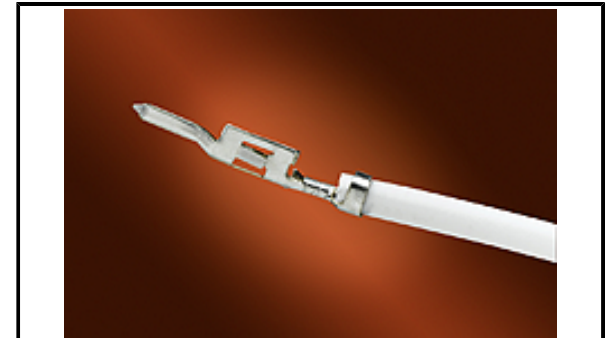
**Solder Process Data**

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

**Reference - Drawing Numbers**

Packaging Specification	PK-46012-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-46012-001-001



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**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**

[46012](#) Series

**Mates With**

[45750](#) Mini-Fit Plus Crimp Terminal

**Use With**

[5559](#) Mini-Fit Jr. Plugs, [42475](#) Mini-Fit MBI Panel Mount Plugs, [30068](#) Mini-Fit TPA Plugs